Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas

Vol. 22 No. 37 | Lancaster Farming, Saturday, January 8, 1977 | $4.00 Per Year

Snow seems to be a tradition with the Farm Show, and on Thursday night it rived just in time to pretty things up a bit but complicate transportation. According to the weatherman, early visitors to the big annual show are likely to be greeted by this scene.

ANNUAL FARM SHOW ISSUE

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Five cousins will show steers at Farm Show

By DIETER KRIEG

LANCASTER - One little, two little, three le, four little, five little Freys will be ing their 4-H steers to the Farm Show day. They are the children of three others in southern Lancaster County who emselves are graduates of the 4-H ogram.

The five cousins - all of them members of e Red Rose Beef and Sheep Club - are enda, 16; Bonnie Sue, 12; Jamie, 10; nie, 12; and Fritz C., 9.

Brenda and Bonnie Sue are the daughters Mr. and Mrs. Adolf ("Pete") Frey, efton. Jamie and Ernie are the children of r and Mrs. Ernest Frey, Quarryville, and

[Continued on Page 34]

Beef production likely to drop

WASHINGTON, D.C. - Beef production in 77 is expected to decline, and retail prices ay be increasing later in the year, the esident of the American National Cat-emen's Assn. said on Dec. 31.

Wray Finney explained that the cattle dustry is nearing the end of a cyclical eriod of rapidly expanding beef output, and er capita supplies may begin to decrease in e year ahead.

"As a result," said Finney, "we are likely see at least some increase in average beef ices in 1977 as compared with 1976. It now ppears that production will continue latively large during the first half of the ear, and there may be little change in ices However, beef production was at a ecord high level - about 10 per cent greater an in 1975, in fact. This brought a decrease average cattle and beef prices. In our own -city survey of supermarkets, the 1976 verage price of five cuts was 12 cents per

[Continued on Page 14]

Five Freys will be competing against each other in the 4-H baby beef event at the Farm Show. They are, left to right, Fritz C., Ernie, Brenda, Bonnie Sue, and Jamie. Bonnie Sue, 12, had the reserve grand champion steer a year ago.

Don Rohrer wins Lancaster open tobacco show

LANCASTER - Donald M. Rohrer of Lime Valley Road, Lancaster, exhibited the best tobacco here on Thursday afternoon at the Lancaster County corn and tobacco show. In winning the champion designation, he placed first in long wrappers, long fillers, long binders, and short binders.

In the vo-ag contest, Steve Shertzer of Millersville had the champion tobacco, winning with his entry in the wrapper class. Jere Neff, also of Millersville, won the filler class. Gary Neff had the champion entry for short fillers.

Showing the best tobacco in the 4-H division was Kerry Boyd of Ephrata. He received a perfect score of 25 points for his

[Continued on Page 17]

Soleil Farms is Angus competitor

By JOANNE SPAHR

DOWNINGTOWN, Pa. - Soleil Farms, Downingtown, has a subtle air of glamour and wealth about it. Quietly situated at the end of an unusually long lane winding through occasional stands of stark, bare trees, and buffered from contact with unwanted visitors by 800 womblike acres surrounding it, the 300-cow purebred Angus operation goes on like it did for years when it was part of the estate of Mrs. H.A.W. Myrin, the Sun Oil heiress.

At the former owner's death, the estate was handled by Glen Mede Trust Company who was charged with finding a suitable recipient to run the farm for 20 more years as it had been run in the past. This recipient had to be a non-profit, charitable organization. As a result, in 1973 the farm became part of Devereux School, the largest school in the nation to deal with the exceptional child. The foundation also has more land near Elverson.

[Continued on Page 18]

Livestock market and auction news

Lancaster Market

Monday, January 3, 1977

	Cattle	Calves	Hogs	Sheep
Today	813	137	814	127
Last Monday	788	96	1240	43
Last Year	1073	130	657	219
Monday's Auction	557	136	696	114
Last Monday's Auction	869	100	126	34

CATTLE: Compared to last Wednesday slaughter steers firm to 50 higher; cows uneven, Utility and Commercial steady to 50 lower, Canner and Cutter firm to 50 higher; bulls steady; few sales bullocks 1.00-1.50 higher.

SLAUGHTER STEERS: High Choice and Prime 2-4 1000-1250 lb. 41.60-42.10; few Choice mainly 2 100-1300 lb. 41.00-42.35; Choice 2-4 1000-1425 lb. 39.00-41.75; high Good and low Choice 2-3 1000-1300 lb. 37.00-39.85; mixed Good and Choice 1300-1500 lb. Holsteins 34.75-37.25; Standard 1-2 30.00-31.75.

COWS: Utility and Commercial 1-3 26.00-27.50, few 27.50-28.25; Cutter 1-2 24.75-26.50, few 26.50-27.00; Canner and low Cutter 21.75-24.00.

BULLOCKS: Choice 975-1200 lb. 36.50-39.75, few head 40.00-42.00; Good 950-1200 lb. 34.00-35.75.

BULLS: Yield grade 1 1100-1650 lb. 34.75-36.85; yield grade 2 1000-1300 lb. 29.00-33.50.

VEAL CALVES: Vealers firm to 2.00 higher.

VEALERS: Prime 72.00-77.00; Choice 65.00-72.00; high Good and low Choice 54.00-65.00; Good 43.00-54.00; Standard and Good 90-120 lb. 33.00-40.00, few 70-90 lb. 26.00-33.00.

SHEEP: Wooled lambs fully steady.

WOOLED LAMBS: 75 head Choice and Prime 95-105 lb. 49.50-51.50, one lot 78 lb. 52.50.

SLAUGHTER EWES: Utility and Good 10.00-16.00.

Try A Classified Ad
It Pays!

Vintage Market

Tuesday, Jan. 4, 1977

	Cattle	Calves	Sheep
Today	646	623	22
Last Tuesday	943	621	16
Last Year	949	567	33

CATTLE: Compared to last Tuesday slaughter steers firm to 1.00 higher with Choice 2 and high Choice and Prime mostly 1.00 higher; cows uneven, Utility and Commercial 1.00-2.00 lower, Canner and Cutter weak to 1.00 lower; bulls not fully tested. Supply included 40 per cent slaughter steers and 54 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1375 lb. 42.25-43.50; Choice mainly 2 1000-1300 lb. 42.50-44.00, couple 44.75-45.00; Choice 2-4 1000-1350 few 1400-1475 lb. 39.75-42.50; high Good and low Choice 2-3 37.00-40.00; Good 2-3 34.00-38.00; few Standard 1-2 30.75-34.25.

COWS: Utility and Commercial 1-3 25.50-27.50, few 27.50-28.50; Cutter 1-2 23.00-26.75, mainly 23.50-26.00; Canner and low Cutter 20.50-23.00.

BULLS: Yield grade 1-2 1100-1500 lb. 31.25-33.25, individual 38.00.

VEAL CALVES: Vealers 1.00-3.00 higher. Supply included 334 in graded sale of which 22 per cent returned to farm.

VEALERS: Choice 62.00-69.00, few Prime 70.00-75.00; high Good and low Choice 51.00-62.00; Good 42.00-52.00; Standard and Good 90-115 lb. 33.00-45.00, 70-90 lb. 24.00-34.00.

RETURNED TO FARM: 75 head Standard and Good 100-115 lb. Holstein bulls 37.00-38.50.

SHEEP: Market not fully tested. Few Choice 90-110 lb. wooled lambs 47.00-51.00; couple Good 42.00-48.00.

Lancaster Auction

Wednesday, Jan. 5, 1977

	Cattle	Calves	Hogs	Sheep
Today	827	93	497	9
Last Wednesday	438	188	535	10
Last Year	672	150	405	23
Wednesday's Auction	767	105	562	12
Last Wednesday's Auction	380	101	536	10

CATTLE: Compared to Monday slaughter steers firm to 75 higher; cows 50-1.00 lower, instances 1.50 lower; bullocks fully steady; bulls steady to 1.00 lower.

SLAUGHTER STEERS: Choice 2-4 including few Prime 1000-1400 lb. 39.50-42.50; few Choice mainly yield grade 2 42.50-42.75; high Good and low Choice 2-3 1000-1400 lbs. 37.50-40.00, few mostly Choice 925-975 lbs. 39.00-39.75; Good 2-3 34.50-38.25; Standard 1-2 31.00-34.75.

SLAUGHTER HEIFERS: Choice 2-3 900-1050 lb. 36.75-37.75, couple lots 1260-1300 lb. 2-3 Good and Choice 37.60-37.85; Good 2-3 750-950 lb. 29.25-36.75.

COWS: Utility and Commercial 1-3 24.50-26.50, individual 28.00; Cutter 1-2 23.75-25.75; Canner and low Cutter 21.50-23.75.

BULLOCKS: Choice 1000-1300 lb. 37.00-40.00, few 40.50-43.25; Good 950-1250 lb. 34.00-37.75.

BULLS: Yield grade 1-2 1000-1500 lb. 30.75-33.00, individual 36.00.

VEAL CALVES: Vealers fully steady, some sales Standard and Good 90-120 lb. 2.00 higher.

VEALERS: Choice 65.00-70.00; couple Prime 73.00-75.00; high Good and low Choice 54.00-65.00; Good 44.00-55.00; Standard and Good 90-115 lb. 33.00-42.00, few 70-90 lb. 23.00-33.00.

SHEEP: No market test.

New Holland

Thursday, Jan. 6, 1977

	Cattle	Calves	Sheep
Today	781	500	6
Last Thursday	740	441	7
Last Year	966	386	2

CATTLE: 781. Compared to last Thursday slaughter steers firm to 50 higher; cows steady to 1.00 higher, although closing sales no more than steady; bulls weak to 1.00 lower; small supply bullocks mostly steady.

SLAUGHTER STEERS: Few head Prime 3-4 1125-1325 lb. 42.50-42.85; Choice mainly 2 1000-1250 lb. 42.25-43.25; Choice 2-4 1000-1325 lb. 39.75-42.25; high Good and low Choice 2-3 975-1475 lb. 38.00-40.25; Good 2-3 34.00-38.50; Standard 1-2 30.75-34.50.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 36.00-37.50; Good 2-3 750-975 lb. 30.50-35.50.

COWS: Utility and Commercial 1-3 25.50-27.50, few mainly early sales 27.50-28.50; Cutter 1-2 23.75-26.50, few late sales 23.25-24.00; Canner and low Cutter 19.75-23.00.

BULLOCKS: Few Choice 975-1200 lb. 38.00-40.00.

BULLS: Yield grade 1 1100-1600 lb. 32.50-34.50, couple 36.00-38.35; yield grade 2 1000-1400 lb. 30.00-32.50.

VEAL CALVES: 500. Vealers 2-3.00 higher.

VEALERS: Prime 74.00-78.00, eight head 79.00-81.50; Choice 60.00-72.00; high Good and low Choice 52.00-61.00; Good 42.00-51.00; Standard and Good 85-115 lb. 30.00-41.00, 75-85 lb. 25.00-34.00, few Utility and Standard 65-90 lb. 20.00-25.00.

SHEEP: 6. Few head Choice 65-105 lb. wooled lambs 48.00-50.00.

Lancaster Weekly

Friday, Jan. 7, 1977

	Cattle	Calves
This Week	3300	1400
Last Week	3306	1299
Last Year	4584	1242

Cattle: Slaughter Steers firm .50 higher, some sales as much as 1.00 higher; cows very uneven, closing sale .50-1.00 lower. Supply included 43 per cent slaughter steers, 29 per cent cows, 6 per cent heifers, 5 per cent bulls with balance feeder steers.

Slaughter Steers: High Choice and Prime No. 3-4 1125-1375 lbs. 42.25-43.50; Choice mainly No. 2 1000-1250 lbs. 42.00-43.25, few mainly early part of week 43.25-44.00; Choice 2-4 1000-1350 lbs. with few 1400-1475 lbs. 39.75-42.25; High Good and low Choice 2-3 975-1475 lbs. 37.50-40.25; Good 2-3 34.00-38.50; Standard 1-2 30.75-34.25.

Slaughter Heifers: Choice 2-3 875-1050 lbs. 36.00-37.25, couple lots 1260-1300 lbs. Good and Choice 2-3 37.60-37.85; Good 2-3 750-950 pounds 29.25-36.75.

Cows: Utility and Commercial 1-3 25.50-27.50. Few sales mainly early part of week 27.50-28.50; Cutter 1-2 23.00-26.50; Canner and low Cutter 19.75-23.00.

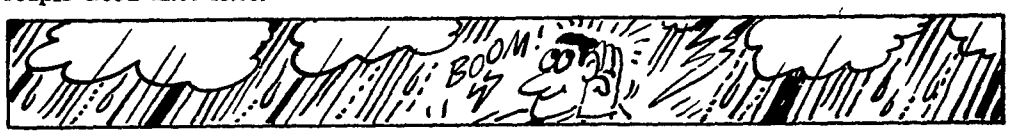
Bullocks: Choice 975-1200 lbs. 36.50-40.00, few 40.00-42.25; Good 950-1250 lbs. 34.00-37.00.

Bulls: Yield Grade 1 1100-1600 lbs. 32.50-36.50, couple 36.00-38.25; Yield Grade 2 1000-1400 lbs. 29.00-33.50.

Veal Calves: Vealers 1.00-3.00 higher.

Vealers: Prime 74.00-78.00, 8 head late 79.00-81.50, Choice 62.00-72.00; High Good and low Choice 52.00-62.00; Good 42.00-54.00; Standard and Good 90-115 lbs. 32.00-42.00, few to 45.00, 70-90 lbs. 23.00-34.00; few Utility and Standard 65-90 lbs. 20.00-25.00.

Return to Farm: Standard and Good 90-120 lbs. Holstein bulls 37.00-42.00.



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Slaughter Sales - Mon. & Wed. 11:00 A.M.
Vealers, Lambs, Hogs-Mon. & Wed. 11:00 A.M.
Stocker & Feeder Sale - Friday 12 Noon
Hogs Sold Sat. - Private Treaty 7-12 Noon
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MONDAY'S ACTION.
8:00 A.M. - Fat Hogs
10 00 A M Horse Sale
11 00 A M - Hay Straw & Ear Corn
1.30 P.M - Fat Steers, Bulls, Cows & Veal
WEDNESDAY'S ACTION:
12 00 Noon Hay Straw & Ear Corn
12 30 P M - Dairy Sale
1·00 P.M - Feeder Pig Sale
THURSDAY'S ACTION:
11 00 A M - Beef Sale
Order of Sale· Bulls, Fat Steers, Cows, Veal
6 30 P.M - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager Phone: 717-354-4341

Hog Markets

Lancaster Market

HOGS: Barrows and gilts mostly 1.00 higher.
BARROWS AND GILTS:
US 1 200-235 lb. 42.00-42.25,
US 1-2 200-240 lb. 40.50-41.10,
US 1-3 200-240 lb. 40.00-40.50,
US 2-3 200-260 lb. 39.35-40.00

have a nice weekend...

Lancaster Auction

HOGS: Barrows and gilts firm to 50 higher.
BARROWS AND GILTS: US 1 200-240 lb. 42.00-42.50; US 1-2 200-240 lb. 41.00-41.60; US 1-3 200-250 lb. 39.75-40.75; Few US 2-3 245-260 lb. 38.25-39.75

GREEN DRAGON LIVESTOCK SALES
1 mile North of Ephrata, PA

COWS COWS COWS

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11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.

Walter H. Risser, Proprietor

New Holland

New Holland Sales Stables
New Holland, Pa.
January 3, 1977
HOGS 1529
Retail 42
Heavyweight: 39-40.50
Wholesale: 40-42
Sows: 25-31
Boars: 20-28
SHOATS: 664
No. 1 and 2 36-49 lbs. 69.50-75.00; 56-67 lbs. 58.00-65.00 No. 2 31-49 lbs. 65.00-80.00, 52-89 lbs. 47.50-65.00; No. 2 and 3 24-36 lbs. 72.00-77.00; 38-45 lbs. 57.00-75.00, 49-65 lbs. 48.00-65.00; No. 3 31-48 lbs. 44.00-72.00; 53-70 lbs. 45.50-54.00; Utility 35-47 lbs. 53.00-60.00.

Vintage

Saturday, Jan. 1, 1977
Total 194 head.
Few at 42.50-43.50; No. 2 & 3 39.85-41.50; Light Hogs 160-185 32.00-35.50; Sows 26.75-27.35.

Wednesday, Jan. 5, 1977
Total 593 head.
No. 1 40.00-40.60; No. 2 & 3 39.00-39.85; Heavy Hogs 265-280 32.50-38.00; 350-425 23.00-29.25; Light Hogs 165-180 29.50-32.00; Sows 25.50-29.25; Heavy Boars 19.25-20.00; Light Boars 20.25-23.00.

Vintage Sales
Stables, Inc.
January 5, 1977
Feeder Pigs
No. 3 - 30-40 lbs. 37-48; 40-60 lb. $2's and No. 3's 45-55; 50-60 lbs. No. 1 and No. 2 52-58; 72 lb. No. 2's 47-½; 97 lb. No. 3's 39-½

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Indianapolis

Thursday January 6
INDIANAPOLIS HOGS: 1500
Barrows & gilts active, 1.00-1.50 higher.
US 1-2 200-230 lb. 40.00-40.25; US 1-3 200-245 lb. 39.50-40.00.

St. Louis

ST. LOUIS HOGS: 5000.
Barrows & gilts active, 1.00 higher.
US 1-2 200-240 lb. 40.25-40.50; US 1-3 200-250 lb. 39.50-40.25; US 2-3 250-270 lb. 39.00-39.50.

Peoria Auction

Thursday January 6
PEORIA HOGS: 3000
Barrows & gilts active, opening 1.00 higher.
US 1-2 200-230 lb. 40.00-40.50; US 1-3 200-240 lb. 30.50-40.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, January 3, 1977
Reported recipts of 476 calves, 98 hogs, 184 cows, 47 heifers, 22 steers, 35 bulls, and five sheep. Calf market easier than last week's market, calf market steady.
Veals 45 to 68.50; Bobs 23 to 38; Grassers and feeders 20.00-34.00; Lambs 30.00-38.50; Sheep 10.00-14.00; Hogs 23.00-41.00; Pigs 12.00-25.00; Heifers 24.00-31.00; Steers 24.00-34.00; Bulls 26.00-33.50; Cows, good 25.00-27.50; Cows, med. 22.50-23.00; Cows poor or small 17.50 - 21.00; Horses 20.00-35.00; Ponies 8.00-15.00; Goats - one goat 12.00.

Futures Trading

Closing Bids as of Thursday, Jan. 6

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	New York Fresh Eggs
January				62.75
February	38.05	36.90		55.75
March			7.35	55.70
April	38.50	34.40	8.46	49.95
May			10.04	47.15
June	40.80	36.90		
July		37.55		
Aug.	41.90	36.20		
Sept.				
October	42.85	34.10		

Trend—Cattle are higher, Hogs are mixed, Potatoes are higher, and Eggs are higher.
Markets Provided by Commodity Department
Reynolds Securities, Inc.

CHICAGO GRAIN FUTURES

(Closing bids as of Thursday, Jan. 6)

	Wheat	Corn	Soybeans	Soybean Meal
January			7.12	210.00
March	2.81	2.62	7.18	212.60
May	2.86½	2.67¼	7.17¼	212.50
July	2.91	2.71½	7.13	211.50
Aug.			7.03	208.50
Sept.	2.96¾	2.70½	6.72½	198.00
Oct.				188.00
Nov.			6.53¾	187.50
Dec.		3.06½	2.69¾	

Trend—Corn is higher, Wheat is higher, Soybeans are higher, and Soybean Meal is higher.
Markets Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to Date	535,000	1,055,000	91,000
Same Period Last Week	553,000	1,075,000	91,000
Same Period Last Year	601,000	1,100,000	103,000

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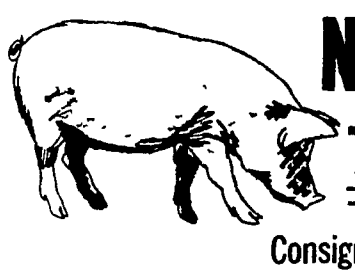

NEXT FEEDER PIG SALE
TUESDAY, JAN. 18 - 1 P.M.

Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff.

Feeder pigs received from 6 A.M. to 11 A.M.

WALTER M. DUNLAP & SONS

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Consignors can get state tags at our office, thereby saving 25c marketing expense

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Our business has no short cuts or easy ways either. We just work hard to supply you with quality feeder cattle & stand ready to assist you when your livestock is ready for market.

NEXT FEEDER PIG SALE
JANUARY 18, 1977

Please Call Us Soon
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Poultry Market Reports

Weekly New York Egg Market

From Monday, Jan. 3 to Friday, Jan. 7

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Large	76	71	71	71	71
Large	76	71	71	71	71
Mediums	72	67	67	67	67
Pullets	60	55	55	55	55
Peewees	40	35	35	35	35
BROWN					
Large	84	74	74	74	74
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	68	64	64	64	64
Checks	47	46	45	45	45

Tone—Demand improved, offerings in better balance.

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New England Weekly Shell Egg Report

Tuesday, January 14, 1977

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS (+)	76-92	75-91	71-87	48-76
Mostly	77-78	76-77	72-73	49-50
NEW HAMP.	71-78	70-77	66-73	45-52
Mostly	73-74	72-73	68-69	46-47
R. I.	90-91	89-90	85-86	62-63
VERMONT	78-93	77-90	73-85	-
Mostly	80-88	79-86	75-82	-
MAINE	78-80	77-79	73-75	52-54

(+) Includes Central and Western sections only.

NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thurs.
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	60	60
Class 2 - Large	45 lbs.	62	60
Class 3 - Medium	42 lbs.	59	58
Class 4 - Small	39 lbs.	48	47
Breaking Stock	48 lbs.	53	52
Checks	48 lbs.	48	47

Baltimore Eggs

Wednesday, Jan. 5

Prices unchanged to lower. Demand fair to good, supplies adequate.

Cartoned eggs: prices to retailers, state graded (min. one case sale) white

Grade A Large 75-83; Grade A Medium 71-79.

Lancaster Farming

P.O. Box 266 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Dieter Krieg, Editor
Joanne Spahr, Associate Editor
Judy Mitchell, Berks County Correspondent
Joyce Bupp, York County Correspondent

Subscription Price: $4 per year
Established November 4, 1955
Published every Saturday by Lancaster Farming
Lititz, PA
Second Class Postage paid at Lititz, PA 17543

For Address Change form or new subscription see Classified Section.

Members of Newspaper Farm Editors Assn, Pa Newspaper Publishers Association, and National Newspaper Association

Delmarva Poultry

Wed. Jan. 5

Ready-to-cook movement very good for fill in needs. Slaughter schedules heavy following yesterdays cutbacks due to storm. Todays LTL asking prices tending higher on both plant and US Grade A. Advance interest slow in developing. Live supplies ample at often heavier than desired weights undertone fully steady to firm.

Current broiler-fryer negotiated prices for immediate includes mostly multiple-drop shipments to New York City from Delmarva.

Range US Grade A 36-37; Plant Grade 35-36; Premium X US Grade A 38-43; Premium X Plant Grade 37-41.

WTD AVG US Grade A 36.53; Plant Grade 35.84; Premium X US Grade A 41.03; Premium X Plant Grade 40.71.

X - Includes special services, selected competive brands, etc.

Eastern Pa. & N.J. Poultry

Wednesday, Jan. 5

Prices unchanged to slightly lower on light type hens. Processor demonstrate fair for fully adquate offerings of lightype hens following short decline in the egg market. Offerings of heavy type adequate for a fairly good call.

Prices paid at farm:

Light Type Hens 11-13 mostly 12-13 in PA; Mostly 12-13 in NJ.

Heavy Type Hens TFEWR.

Philadelphia Eggs

Wednesday, Jan. 5

Prices unchanged to sharply lower on all sizes. Cartoning demand light to good where features a factor at 59 cents on mediums and 89 cents on large. Offerings ample undertone cuatious and unsettled.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered: store door

A Extra Large 74½-83½; A Large 73-82½; A Medium 68½-78.

New Holland Horse

New Holland, Pa.
Monday, Jan. 3, 1977

Reported receipts of 252 horses, mules, and ponies. Market stronger than last week's market.

Driving horses 200-400; riding horses 175-275; better riding horses 300-430; lightweight killers 20-24; heavyweight killers 28-30; mares 20-50; colts 5-35; geldings 20-45; larger ponies 55-90.

Hay Markets

Regional Hay

January 3, 1977

(All hay No. 2 and better, prices paid by dealers at the farm, price per ton.)

Hay & Straw steady.

Alfalfa 80.00-88.00; Mixed hay 65.00-75.00; Timothy hay 60.00-70.00; Straw 50.00-55.00; Mulch 25.00-35.00.

Harvey Z. Martin

Wednesday, Jan. 5, 1977
109 Loads

Alfalfa 51 to 99; Mixed Hay 46 to 96; Timothy 60 to 75; Clover Stubble Hay (2 loads) 61 & 63; Clover 64, 65, 69 Straw 59 to 71, (1 load) 86; Corn fodder (1 load) 55; Ear Corn 57 to 74; Shelled corn 2.70 per bu. Mushroom Soil (1 load) 10 tons $120.00 per load. Oak Firewood $20.00 per load.

Vintage

Vintage Sales
Stables, Inc.
January 5, 1977

Ear corn 57.50 per ton; mixed hay 65-80; alfalfa 75-80; straw 63-68 per ton

Baltimore USDA

January 3, 1977

HOGS 800: Compared with last Monday Earrows & Gilts $2.50-2.75 lower US 1-3 200-230 lbs. 39.00 mostly 39.25, few 39.50; US 2-3 230-250 lbs. 38.25-39.25; US 2-4 250-280 lbs. 37.00-38.25. SOWS: fully $1.00 higher; US 1-3 300-609 lbs. 27.00-28.00.

Green Dragon

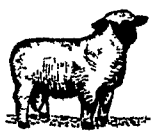
December 31, 1976

67 loads hay & 21 loads straw.

Alfalfa 61.00-93.00; Timothy, few 56.00-74.00; Mixed hay 64.00-76.00, few to 94.00, few down to 40.00; Clover, few 63.00-79.00; Grass hay, few 48.00-63.00; Straw 58.00-71.00; Corn, 5 loads 59.00-68.00.

Reporter for Be County farm news want Writing ability essenti journalism training required, farm backgro helpful and preferre Contact Lancaster Fa ming in writing - Editi Lancaster Farming, B 266, Lititz, Pa. 17543.

L & M FUR & WOOLEN ENTERPRISE



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Livestock market and auction news

East Coast Carlot Meats

Jan. 5, 1977

Compared to Tuesday's close: demand and commitments moderate for beef as reported by USDA. Around 20 loads confirmed on steer and heifer beef. Steer beef mostly steady to .50 higher. No comparison on heifer beef. Cow beef in limited test steady to weak. Bnls. beef steady to 4.00 lower. Lamb compared to last week 2.00-4.00 higher. Fresh pork loins 2.00-6.00 higher.

STEER BEEF

Choice 3 550-700 lbs. 64.75-65.00 steady to .25 lower; 3 600-800 lbs. 64.00-64.50 steady to .50 higher. Good 3 600-800 lbs. 60.50 steady.

HEIFER BEEF

Choice 3 500-700 lbs. 62.25 no comparison.

COW BEEF

Utility Bng. 1-2 600 lbs. up ltd. 48.50 weak. Canner-Cutter 1-2 350 lbs. up ltd. 51.00 generally steady.

CHOICE 3 PRIMAL BEEF CUTS

Steer hinds 145-190 lbs. 75.50-78.00 no comparison. Arm Chucks 90-130 lbs. 52.00 2.00-4.00 higher.

LAMB, CARCASS CHOICE & PRIME 3-4 (COMPARED TO LAST WEEK)

55 lbs. down 103.00-105.00, bulk 104.00 4.00 higher; 55-65 lbs. 94.00-95.00 2.00 higher; 65-75 lbs. 83.00-84.00 2.00-4.00 higher.

FRESH PORK CUTS

Loins 14 lbs. down 75.00 no comparison; 14-17 lbs. 74.00-75.50 2.00-6.00 higher. Bnls. Picnics fresh 58.25.

SMOKED PORK

Skd. hams 16-20 lbs. 75.00 steady.

Boneless beef 90 per cent chemical lean, fresh 69.50-70.00 steady to 1.00 higher.

Boneless beef 85 per cent chemical lean; fresh 62.00-65.50 .50-4.00 lower.

Beef trimmings 50 per cent chemical lean, fresh 24.00-24.50 steady to 1.00 higher.

Middleburg

January 4, 1977

CATTLE 238. Compared with last Tuesday's market, slaughter cows steady to $1.75 lower. Good 900-1450 lbs. slaughter steers 34.75-39.75, Standard 32.00-34.75, Utility 28.00-32.00. Choice 900-1100 lbs. slaughter heifers 36.00-39.75, Good 32.00-36.00, Standard 28.00-32.00, Utility 25.00-28.00. Utility & High Dressing Cutter slaughter cows 24.75-28.75, one at 29.85, Cutters 23.75-26.25, Canners 21.50-23.75, Shells down to 16.75. Choice slaughter bullocks 37.25-39.25, Good 34.00-37.00, Standard 32.00-34.00. Yield Grade No. 1200-2300 lbs. slaughter bulls 30.50-37.85; yield grade No. 2 900-1200 lbs. 27.25-30.50. Medium 350-700 lbs. feeder steers 30.50-36.75.

CALVES 167. Vealers steady to $2 lower. Prime vealers 70.00-76.50, Choice 60.00-70.00, Good 48.00-58.00, Standard & Good 110-130 lbs. 42.00-48.00, 90-110 lbs. 30.00-42.00, Standard 75-85 lbs. 25.00-30.00. Farm calves, holstein bulls 95-115 lbs. 35.00-45.00.

HOGS 432. Barrows & Gilts $1.50 to $3.25 lower. US No. 1-2 200-230 lbs. barrows & gilts 39.75-41.10, No. 1-3 190-240 lbs. 39.00-39.75, No. 2-3 185-250 lbs. 38.00-39.00, No. 2-4 250-300 lbs. 35.00-38.00. US No. 1-3 300-675 lbs. sows 23.50-32.75. Boars 200-700 lbs. 17.75-22.75.

FEEDER PIGS 402. US No. 1-3 10-20 lbs. feeder pigs 8.50-16.00 per head, No. 1-3 20-40 lbs. 16.00-25.00, No. 1-3 40-60 lbs. 25.00-37.50 per head.

SHEEP 0. No sales on offer.

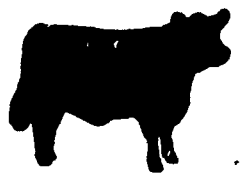
New Holland Dairy

New Holland Sales Stables
New Holland, Pa.
Wednesday, Jan. 5, 1977

Reported receipts of 106 cows, 44 heifers, and nine bulls. Market steady with last week's market.

Load of Franklin County springers 650-725; Load of Pennsylvania fresh cows 725-850, springers 700-810; Load of Pennsylvania fresh cows 500-610, springers 565-825; Load of Wisconsin fresh cows 690-710; Load of Pennsylvania fresh cows 660-760; Load of New York fresh cows 570-640.

Locally consigned cows 475-800; Springing heifers 475-550; Bred Heifers 275-500; Bulls 275-480.



Lebanon Valley Auction

Fredericksburg, Pa.
January 4, 1977

CATTLE 272. Compared with last Tuesday's market, slaughter steers steady to 50 cents lower. Slaughter cows 25 cents to $1.25 lower. Slaughter bulls 50 cents to $1 lower. Choice 2-4, 950-1200 lbs. slaughter steers 38.85-41.10, individual High Choice at 42.50, Good 35.00-38.75, Standard 31.50-34.50, few Utility 28.10-30.35. Few Choice slaughter heifers 36.00-39.60, few Good 35.00-35.60, few Standard 28.00-32.00. Utility and High Dressing Cutter slaughter cows 25.60-27.60, individual at 28.10, Cutters 24.10-26.00, Canners 21.50-24.25, Shells down to 18.75. Few Choice slaughter bullocks 35.35-36.60, Good 33.35-35.35, Standard 31.35-33.50, Utility 29.00-30.50. Yield Grade No. 1, 1200-1600 lbs. slaughter bulls 29.75-35.35.

CALVES 226. Vealers grading Standard and 70-100 lbs. $2 to $3 h Few Prime vealers 69.00, Choice 56.50-6 Good 42.50-52.50, Sta and Good 110-130 lbs 42.00, 90-110 lbs. 33.00-3 Standard 70-85 lbs 33.00, few Utility 50-65 20.00-25.00. Farm Ca Few Holstein bulls 90-11 36.00-41.00.

HOGS 312. Barrows gilts $2 to $3 lower. US N 195-230 lbs. barrows and 38.85-40.25, No. 1-3 19 lbs. 38.25-38.50, few lots 2-3 200-230 lbs. 38.00-38.2 No. 1-3 350-500 lbs 24.75-26.75, few No. 2-3 650 lbs. 22.00-24.00. B 18.00-21.00.

FEEDER PIGS 40. US 1-3 50-75 lbs. feeder 26.50-36.50 per head.

SHEEP 2. Not enough any one grade to establ market.

Midwest Carlot Meat Trade

January 5, 1977

Compared to Tuesday's close: fresh pork cut trade closing rather slow after opening fairly active, demand late moderate. Fresh loins 50-3.50 higher, picnics steady, Boston Butts not established, spareribs steady to 1.25 higher, skinned hams 50-2.00 higher, bellies steady to 1.50 higher.

FRESH PORK CUTS

Loins 14-dn lbs. 73.00 3.50 higher, 14-17 lbs. 70.50-72.00; late 72.00 3.50 higher, 17-20 lbs. 69.00 50-1.00 higher

Picnic 4-8 lbs. 45.00 steady

Boston Butt - no sales

Spareribs 3-dn lbs. 78.50-80.25 steady to 1.25 higher, 3-5 lbs. 58.75

Skinned hams 17-20 lbs. 68.50-69.00 50-75 higher, 20-26 lbs. 69.00; load 70.00 1.25 higher, 26 and up lbs. 64.00; 62.25-63.00 frozen 2.00 higher

Bellies, SDLS 10-12 lbs. 49.50, 12-14 lbs. 52.00 steady, 14-16 lbs. 52.00-52.50 1.00-1.50 higher, 18-20 lbs. 49.50 1.00 higher

BNLS picnic 55.00 fresh

OFFAL & Variety

Pork feet 15.25

Compared to Tuesday's close: Beef trade slow. Demand light. Steer and Heifer beef steady. Primal Beef cuts: Arm Chucks continue in good demand 75-1.75 higher, forequarters steady to 1.00 lower, not enough

Sales on cow beef to establish market.

STEER BEEF

Choice 3 600-900 lbs. 60.50-61.50, mostly 61.00 steady, Good 2-3 600-800 lbs. 57.00 steady

HEIFER BEEF

Choice 3 500-700 lbs. 58.75 steady

Good 2-3 500-700 lbs. 54.00 steady

COW BEEF

Canner & Cutter 47.75 load

CHOICE 3 & 4 PRIMAL BEEF CUTS

Hinds (STR) 145-190 lbs. 72.00-72.50

Hinds (hfr) 120-170 lbs. 72.50

FORES 130-210 lbs. 49.75-51.00 steady to 1.00 lower

Arm chucks 75-120 lbs. 45.75-46.75 75-1.75 higher

Rounds (STR) 70-95 lbs. 75.00

Rounds (HFR) 60-85 lbs. 75.00

Beef Trimmings 50 per cent chem lean (fresh) 24.00-25.00

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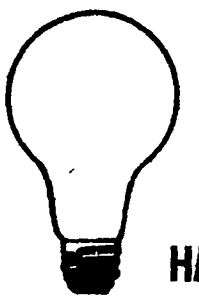
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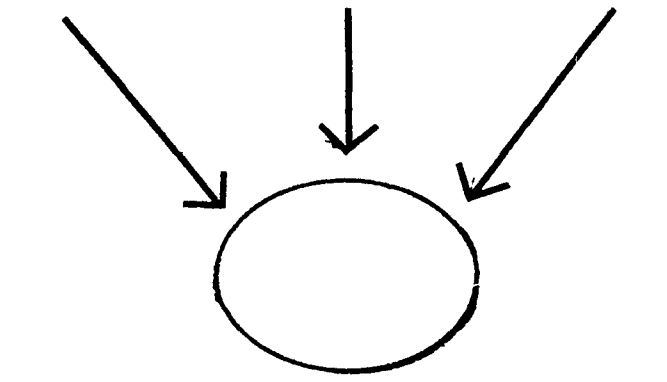

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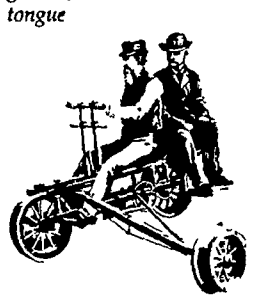
THE OLD FARMER'S ALMANAC

JAN. 17-23, 1977

Here comes a bluster so around the fire cluster.

Feed the birds now Cary Grant born Jan 18, 1904 New moon Jan 19 Inauguration Day Jan 20 Average length of days for the week, 9 hours, 33 minutes First atomic submarine launched Jan. 22, 1954 Cut more firewood now First U S basketball game Jan 20, 1892 *Whatever is in the heart will come up to the tongue*



Ask the Old Farmer: Up north I've seen black bands around house chimneys I heard it was a mark to keep witches away, or that it was a sign of a hiding depot for the underground railroad Which is right? T N , Albany, Georgia

As far as we know, neither is right We think it's just for decorative purposes, but drivers of sightseeing buses like to entertain their passengers so there s a lot of hokum like this

Home Hints: If heavy furniture has flattened the pile of your rugs, erase the marks with a steam iron Build up a good head of steam and hold the iron over the flattened spot Don't touch the rug with the iron Brush briskly

OLD FARMER'S WEATHER FORECAST

New England: Week begins with thaw and rain, end of week brings flurries

Greater New York-New Jersey: Turning cloudy and raw, week ends sunny and fair

Middle Atlantic Coastal: Rain, then cloudy last part of week

Piedmont & Southeast Coastal: Rain, ending midweek, sunny and mild for week's end

Livestock market

Belleville Auction

Belleville Market
January 5, 1977

CATTLE: 198. Compared with last Wednesdays market. Slaughter cows $1 - $2.50 lower. Two good steers 32.25-33.10. One Standard steer 34.00. A few Utility 28.29 and low standard. One yield grade No. 4 slaughter heifer 31.50; one Good 31.00; a few Standard 26.00-28.00. A few Utility 22.00-28.00. A few Utility 22.00-26.50; Utility and High Dressing Cutter slaughter cows 24.10-26.10; a few Commercial 24.60-26.75, Cutters 22.75-24.25; Canners 20.10-22.75; Shells down to 16.75.

Bullocks, one good 31.75; A few Standard 28.85-34.00; One Utility 23.35. Yield Grade No. 1 1505-1855 lbs. slaughter bulls 32.00-32.50

CALVES: 217. Vealers grading Standard and Good $1-$3 higher. A few Choice 55.00-57.00; Good 39.00-51.00; Standard and Good 110-130 lbs. 34.00-41.50, 90-110 lbs. 28.00-34.00, Standard 60-90 lbs. 22.00-29.00, Utility 50-105 lbs. 10-20.

FARM CALVES: Holstein bulls 100-115 lbs. 35.00-40.50, Holstein heifers 90-115 lbs. 32.50-41.50.

HOG: 253. Barrows and gilts steady to 50 cents higher. U.S. No. 1-2 200-240 lbs. barrows and gilts 39.80-41.00, No. 1-3 195-245 lbs. 39.50-40.30 one lot 41.50; No. 2-3 190-260 lbs. 37.00-39.00 one lot 41.40; A few U.S. No. 1-3 300-425 lbs. sows 27.75-32.50, No. 2-3 375-600 lbs. 22.75-26.75; A few Boars 14.25-18.25.

FEEDER PIGS 565. U.S. No. 1-3 25-35 lbs. feeder pigs 7-15 per head, No. 1-3 35-50 lbs. 11-24, No. 1-3 50-80 lbs. 24-38, No. 1-3 85-120 lbs. 38.00-42.50, Utility 25-60 lbs. 8-15 per head.

SHEEP 8. A few Good 75-130 lbs. 25.00-44.50.

Omaha Cattle

Omaha
Jan. 6, 1977

Weekly 51 - Cattle - Compared with the previous weeks close .

Prices on Slaughter Steers and Heifers were 50-75 cents higher, instances 1.00 higher through midweek, but limited closing sales not better than steady. Cows were steady, and bulls firm to 1.00 higher.

For day receipts 15,000 compared 14,700 previous week and 13,000 a year ago.

Fed cattle prices advanced on the opening session and the early upturns were maintained through mid-week even in the face of an unresponsive carcass trace.

However, demand was stimulated by storm conditions which moved through the area curtailing livestock movement, and the early advances were erased under a bearish late demand. Most interest came into the week with minimal live inventories on hand and many were in need of cattle for immediate requirements. Carcass trading was generally dull under light demand despite a reduced daily rate of slaughter. A large proportion of the steer and Heifer supply was good to average-Choice. Steers made up approximately 39 per cent, Heifers 40 per cent, cows 16 per cent and feeders less than 5 per cent.

STEERS: Early, three loads Choice and Prime 3-4 1102-19 lbs. 40.75-41.00, most Choice 2-4 975-1325 lbs. 39.00-40.25 through midweek, closing sales 38.50-39.50. During week, several loads choice and prime 4-5 1500-1572 lbs. 35.00-36.00. Mixed Good and Choice 2-3 950-1275 lbs. closed 37.50-38.50, several loads 1250-1275 lb. Holsteins 35.00-35.25 early. Good 2-3 33.00-37.50 late, Standard and Good 2-3 31.50-32.50.

Average of LS-214, detailed quotations, for Choice 900-1100 lb. steers this week 39.58, Choice 1100-1300 lbs. 39.50. Average weight steers first three days 1135 lbs. compared 1130 lbs. previous week. Average weight heifers first three days 991 lbs. as compared 974 lbs. previous week.

HEIFERS: Load Choice 3 1060 lbs. 39.50 early, moderate volume Choice and Prime 3-4 975-1085 lbs. 39.10-39.25. Choice 2-4 875-1025 lbs. closed 37.25-38.00. Mixed Good and Choice 2-3 850-1000 lbs. 36.00-37.00 late. Good 2-3 31.00-35.50. Small lots standard and Good 2-3 30.00-31.00.

COWS: Utility and Commercial 2-4 22.50-24.00, load high dressing 24.50. Canner and Cutter 19.00-22.50, mixed cutter and Utility 22.75-23.00.

BULLS: 1-2 1400-1800 lbs. 27.00-30.00, individual 1 30.50-31.00.

Oklahoma

January 6, 1977

Estimated Receipts 6,300
Same day last week 669

Moderately active, feeder cattle and calves steady to weak; majority receipts mixed Good and Choice and Choice 400-700 lb. feeder Steers and 350-550 lb. Feeder Heifers; moderate attendance buyers.

FEEDER STEERS: Choice 300-500 lb. 37.75-40.50, two part loads 359-401 lb. 42.00-42.50; 500-600 lb. 37.00-39.75; 600-885 lb. 34.75-36.50; Mixed Good and Choice 300-500 lb. 35.00-36.50; 500-700 lb. 36.50; mixed Good and Choice 300-500 lb. 35.00-36.50; 500-700 lb. 34.75-36.50; 700-810 lb. 34.50-35.50; Good 300-775 lb. 33.00-35.25; few good 330-917 lb. Holstein Steers 24.50-28.25.

FEEDER HEIFERS: Choice 300-500 lb. 30.25-32.75; part load 317 lb. at 34.40; 500-600 30.00-33.00, part load 599 lb. at 33.30; 600-740 lb. 30.00-32.75; Mixed Good and Choice 300-500 lb. 28.00-30.00; Two part loads 540-641 lb. very thin fleshed, good weighing condition 31 2[illegible] 31.40; good 360-715 lb. 26 0[illegible] 28.75.

FOR THE WEEK Compared to late last week feeder cattle and calves lo[illegible] the early advance to clo[illegible] near steady; cows steady t[illegible] 50 cents lower; bulls 1 0[illegible] higher; salable receipts nea[illegible] 14,600 head compared [illegible] 3,243 last week and 18,45[illegible] head the same week a yea[illegible] ago. Cows and bulls near 1[illegible] per cent of the catt[illegible] receipts; feeders 86 per cen[illegible] of the total.

Fruit meeting

UNIVERSITY PARK, Pa. - Gettysburg will be the heart of the fruit industry of Pennsylvania while the annual winter Horticulture Association Meeting is held Feb. 1-3. The Sheraton Inn will be the site where the growers from Pennsylvania, Maryland and New Jersey will concentrate on programs dealing with the Environmental Protection Agency, Peach Marketing opportunities, Sprays Pest Managements. A Pennsylvania Apple Queen will be crowned at the Annual Buffet Dinner on February 1st.

Each time a vegetable is reheated, it loses some of its water-soluble vitamins and minerals.

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RR
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5051 Flourtown Road
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PH: 215-233-1848

THINK JERSEY!!

EARLY MATURING - In Pennsylvania Jersey heifers freshening as senior yearlings are making records over 13,000 lbs. milk on their first lactations. A Pennsylvania heifer fresh at 2-1 recently finished a record of 18,467 lbs. milk and 911 fat in 305 days.

LONG LASTING - the Jersey's size and agility keeps her in the herd longer. A Pennsylvania Jersey is finishing a lactation started at 13 years, 4 months which will give her a lifetime production to date over 155,000 lbs. milk, 8000 lbs. fat - due to calve shortly.

PROFITABLE - Jersey dairymen make more money with less investment than most dairymen. Jersey herds have less capital investment, less acreage, less expensive labor. Top herds in Pennsylvania average over 12,000 lbs. milk, 600 lbs. fat, $800 to $1100 over feed costs. Jersey cows efficiently produce high-solids milk, worth up to $2.00 per cwt. more than standard milk.

PROLIFIC - Jersey cows settle easily, calve regularly. Jersey bulls are popular for breeding first-calf heifers of larger dairy and beef breeds due to ease of calving.

ENJOYABLE - Lovely to look at, easy to handle, Jerseys are popular in the show ring and as 4-H projects as well as in the commercial dairy herd.

For more information on Jerseys, see Jersey exhibitors at the Farm Show. To locate Jersey breeders in your area, write for a Directory to: Dreisbachs' Long Meadows Farm, RD No. 1, Hamburg, Pa. 19526

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Livestock market and auction news

Pa. Auction Summary

December 31, 1976

CATTLE 5752. Compared with 4331 head last week, and 5698 head a year ago. Compared with last week's market, slaughter steers mostly steady to 50 cents lower. Slaughter heifers steady to $1 lower. Slaughter cows mostly 50 cents to $1 higher. Slaughter bullocks uneven. Slaughter bulls strong to $1 higher.

STEERS: Few High Choice & Prime No. 3-4 41.25-43.50, Choice No. 2-4 38.50-42.75, Good 34.00-38.50, Standard 30.00-34.50, few Utility 26.00-31.25.

HEIFERS: Few Choice No. 2-4 35.00-38.50, Good 31.00-35.00, Standard 27.00-30.50, few Utility 23.00-28.00.

COWS: Utility & High Dressing Cutter 25.00-28.50, few to 29.50, Cutters 23.75-27.00, Canners 21.00-24.50, Shells down to 18.00.

BULLOCKS: Few Choice 35.00-38.00, Good 32.25-37.00, Standard 28.50-34.00, few Utility 24.00-29.00.

BULLS: Yield Grade No. 1 1000-2100 lbs. 29.00-36.00, Yield grade No. 2 900-1200 lbs. 28.00-33.00. FEEDER CATTLE: Good 300-700 lbs. feeder steers 29.50-35.00, Medium 300-750 lbs. 20.00-27.50; few Good 300-650 lbs. feeder heifers 22.00-28.00; Medium 350-750 lbs. feeder bulls 21.50-27.50.

CALVES 3850. Compared with 3809 head last week, and 2176 head a year ago. Vealers $1 to $5 higher.

VEALERS: Few Prime 67.00-78.50, Choice 60.00-71.00, Good 48.00-62.00, Standard & Good 110-130 lbs. 35.00-50.00, 90-110 lbs. 27.00-39.00, Standard 70-90 lbs. 22.00-31.00, Utility 50-75 lb. 18.00-26.00. Farm calves, holstein bulls 90-120 lbs. 32.00-47.00.

HOGS 6260. Compared with 7579 head last week, and 5075 head a year ago. Barrows & Gilts uneven, extremes $1.25 higher to $2 lower; early part of week; market fell off rapidly after.

BARROWS & GILTS: US No. 1-2 200-240 lbs. 39.50-44.00, No. 1-3 200-250 lbs. 38.50-43.00, No. 2-3 190-260 lbs. 37.00-41.00, few No. 2-4 250-325 lbs. 30.00-40.00, few No. 1-3 140-190 lbs. 34.00-40.00. Sows $1 to $2 higher. US No. 1-3 300-575 lbs. 26.00-33.50, No. 2-3 300-600 lbs. 22.00-28.50. Boars 17.00-22.00, few light weights 22.00-28.00.

FEEDER PIGS 1212. Compared with 856 head last week, and 600 head a year ago. Feeder pigs uneven to weak. US No. 1-3 20-35 lbs. feeder pigs 8.50-22.00 per head, No. 1-3 35-50 lbs. 18.00-31.00, few No. 1-3 50-85 lbs. 31.00-42.00, Utility 20-75 lbs. 14.50-28.00 per head.

SHEEP 308. Compared with 542 head last week, and 208 head a year ago. Wooled slaughter lambs steady to strong, spots $2 higher. Choice 70-100 lbs. wooled slaughter lambs 44.00-49.00, few to 56.60.

St. Louis Cattle

January 6, 1977

WEEKLY CATTLE REVIEW:

Receipts this week 6,000: Week ago 5100: Year ago 8700

As compared to last weeks close, Slaughter Steers weak to 50 lower. Slaughter Heifers uneven, generally steady. Cows and Bulls fully steady. Supply mainly mixed Good and Choice 2-4 975-1150 lb. steers; around 25 per cent Heifers and 5 per cent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1025-1150 lbs. 39.50-40.00. Closing sales 39.50. Choice 2-4 950-1275 lbs. 38.00-39.50 several 38.00-39.00. Mixed Good and Choice 2-4 900-1175 lbs. 37.00-38.50, Good 2-3 34.00-37.00. Standard to Good 2-3 1000-1275 lb. Holsteins 30.00-33.00. Standard with few good 950-1200 lbs. 27.50-29.00.

SLAUGHTER HEIFERS: Choice and Prime 2-4 850-1050 lbs. 37.50-38.00 part load Monday at 38.25. Closing week sales 37.00-37.50. Choice 2-4 800-1050 lbs. 36.00-37.50, closing 36.00-37.00. Scattered lots 700-800 lbs. 34.00-36.00. Mixed Good and Choice 2-3 700-975 lbs. 34.00-36.25. Good 2-3 30.00-34.50.

COWS: Utility and Commercial 2-4 23.50-25.50. Boning Utility 1-2 25.50-26.00. Canner and Cutter 1-2 22.00-24.00. Low dressing canner 18.00-22.00

BULLS: Yield Grade 1-2 1000-1700 lbs. 26.00-29.00.

FEEDERS: Including about 700 head at Thursdays Auction. Feeder Steers and Heifers weak to 1.00 lower. Supply mostly Choice and Mixed Good and Choice 400-800 lb. steers and 400-700 lb. Heifers.

FEEDER STEERS: Choice 375-600 lbs. 34.00-37.75, 600-800 lbs. 34.00-36.00. Mixed Good and Choice 400-700 lbs. 32.00-34.00, Few Good 475-550 lbs. 28.00-31.50. Lot Standard 450 lbs. 26.00.

FEEDERS HEIFERS: Choice 300-500 lbs. 27.00-29.50, 500-600 lbs. 28.00-30.75, 600-700 lbs. 29.00-30.75. Mixed Good and Choice 350-500 lbs. 25.00-27.00. Few Good 450-600 lbs. 23.50-25.00. Lot standard 360 lbs. 20.25.

Joliet Cattle

January 5, 1977

CATTLE: Friday through Wednesday's salable receipts 8,168, 5 days last week 8,000, last year 10,337, slaughter steers firm to 25 higher than last Friday. Heifers 75 to 1.00 higher than last Wednesday. Supply mostly choice steers and heifers.

SLAUGHTER STEERS: high choice and prime 3-4 1125-1350 lbs. 41.25-41.75 Monday, 40.50-41.25 Wednesday, load 4 and 5 1580 lbs. 39.50 Monday. Choice 2-4 1000-1375 lbs. 40.00-41.50 Monday, 39.50-41.00 Wednesday. Mixed Good and Choice 2-3 900-1250 lbs. 38.50-40.00 Monday, 38.00-39.50 Wednesday. Mixed Good and Choice Holsteins 2 1250-1500 lbs. 31.50-33.00 Wednesday. Mixed standard and good holsteins 2 1150-1350 lbs. 30.00-31.50 Wednesday.

SLAUGHTER HEIFERS: choice, few prime, 2-4 900-1100 lbs. 38.00-39.50, mostly 38.50-39.00. Mixed good and choice 2-3 750-1000 lbs. 36.50-38.00.

CATTLE: 3800. Trading moderate. Slaughter Steers opened mostly 25 to 50 lower. Heifers steady to instances 25 lower. Supply about 15 per cent Heifers. Steers mostly choice 2-4 1050-1350 lbs. Heifers mostly choice 2-4 900-1050 lbs.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1350 lbs. 40.50-41.25. Choice 2-4 1050-1375 lbs. 39.50-41.00, mostly 39.50-40.50.

SLAUGHTER HEIFERS: Choice, Few Prime 2-4 900-1050 lbs. 38.00-39.50, mostly 38.50-39.00. Mixed Good and Choice 2-3 750-1000 lbs. 36.50-38.00.

Greencastle

January 3, 1977

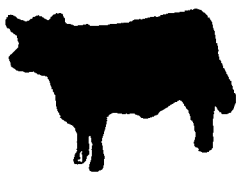
CATTLE 116. Compared with last Monday's market, slaughter cows steady to $1 lower. One Good slaughter steer at 37.00, two Standard 32.50 and 36.25, few Utility 27.00-28.75. Utility & High Dressing Cutter slaughter cows 24.00-26.00, few to 26.50, one at 28.50, Cutters 23.00-24.85, Canners 21.00-23.10, Shells down to 15.50. One Standard slaughter bullock at 24.00. One Yield Grade No. 1 1430 lbs. at 34.00; one yield grade No. 2 920 lbs. at 29.50.

CALVES 196. Vealers uneven. Two Prime vealers 71.00 and 74.00, few Choice 65.00-69.50, few Good 49.00-61.00, Standard & Good 110-130 lbs. 37.00-47.00, 90-110 lbs. 33.00-37.00, Standard 65-90 lbs. 28.00-33.50, Utility 60-90 lbs. 18.00-27.00. Farm calves, holstein bulls 90-120 lbs. 34.50-40.00.

HOGS 48. US No. 1-2 214-218 lbs. barrows & gilts 39.50-40.00, one No. 2-3 255 lbs. 37.00, lot No. 2-4 322 lbs. 34.00. Few US No. 1-3 400-510 lbs. sows 30.50-31.00, few No. 2-3 280-420 lbs. 26.00-29.00.

FEEDER PIGS 0. No sales on offer.

SHEEP 1. One Slaughter ewe at 11.50.



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LIFE on the farm

By Dieter Krieg, Editor

Even before I stepped into the barn, I knew that a problem, a messy situation and some extra hard work were waiting for me. Water was flowing along the manure gutter and down into the pit where the spreader was kept.

A fiercely cold wind swept around the corner of the barn as I strained to shove the door open. Ice crystals along the bottom were holding it fast.

The gutter behind the cows looked like a swamp. Straw and manure were floating on top of water as the accumulation formed little dams here and there. The overflow creeped onto the litter alley, turning the white limed area into a slippery brown.

My first order of business was to shut the main valve off. After that, any number of things remained to be done, including the morning milking and feeding. I opted for a quick inspection of the pit and manure spreader. The spreader needed to be moved, but with the hired man having taken the tractor home with him the night before, I had to leave it set. An accumulation of several inches of brown water sloshed around my boots as I walked back out.

Before entering the barn again, I checked to see that the barn cleaner wasn't froze up. It wasn't, so I turned it on and left it go through several strokes to help lower the water level in the gutter. After all, I needed a place to sweep water and wet feed into.

The cows watched attentively as I pushed the slop out of the feed manger and into the gutter. Occasionally one would bawl to be milked or receive new feed.

Water was still dripping from the source of the leak - a broken rusty pipe at the point where it fit into the cast iron drinking bowl valve. It wouldn't take too much to fix that, I thought, if the pipe wouldn't break at the top when I tried to remove it.

Not wanting to have the cows be out of water for too long, I went to get a pipe wrench and proceeded to carefully take things apart. I removed the water bowl, then the valve, and then carefully proceeded to apply pressure to the damaged pipe. I feared having it break off at the top, as had happened on other occasions. I clenched my teeth and hoped for success.

Luckily, it came off alright. A plastic nipple and a short piece of plastic pipe were installed in its place. A spare water bowl valve was attached since the other one was unusuable until the broken bits of pipe were removed from the junction. That could wait until later. It could have been much worse. Of course, this day wasn't over yet either.

I swept the feeding area one more time and then offered the cows a fresh batch of silage and grain. I took off my jacket to stay a little cooler at this accelerated pace. I was trying to make up for lost time.

Next, the litter alley had to be cleaned up and some new barn snow applied to keep from slipping. After that I was finally ready to milk.

Marvin, our hired man, didn't say a word when he walked into the cow stable. Cupping his hands in front of his mouth, he blew into them and then rubbed vigorously. The flaps of his black patent leather hat encircled his red face He seemed a bit stiff as he walked.

I asked the obvious question - "What's the matter - is it cold out there?" just to hear Marvin's colorful answer He blew into his hands some more and then proceeded to give me his opinion of the weather. It was an attempt to start the day on a lighter note - something to take away the sting of the wind and chill We both needed something to smile about, for a water pipe had broken overnight and the stable was a bit messier than usual

"Hitch your tractor up to the spreader, Marv, and pull it up so we can clean the barn, I suggested

Outside, the wind was sweeping icy bits of snow across a white and frozen landscape The barn windows were artistically decorated by Jack Frost himself I felt sorry for the lower producing and dry cows for which there was no room in this barn

Marvin walked back into the stable, bringing a burst of cold air with him, and a detailed description of the sloppy mess I had checked out earlier in the morning He turned on the barn cleaner and the mess in the gutter was on its way out We could hear the watery mixture splash loudly as it hit the spreader Several of the many ugly sides of winter on a farm were going to make themselves known for the remainder of the morning and a part of the afternoon.

First of all, we had to get the tractor and spreader out of the barnyard. It looked like an impossible task, and just about was Numerous tries at the slight, yet extremely slippery incline resulted in failure. The tractor's tires spun as wildly as the wind, turning hard-packed snow into ice. Then the entire rig slid slowly backwards and Marvin had to try his best to keep it from jack-knifing.

The lower route down through the loafing barn and up around a less frequently used land was worth a try But it would take two tractors to get through the snow

"Big John," in "hibernation" for most of the winter, was too cold to want to start The flywheel spun around slowly and in spurts, until finally it quit without making the tractor "cough" even just once

"We have to pull the 630," I hollered to Marv from afar "That tractor is no good," he teased, keeping alive a verbal battle that lasted for all the days we worked together

Once "Big John" came to life, his two pistons thundered loudly and unevenly A brief warm-up period straightened things out We were ready to go

But our ordeal wasn't anywhere near over as will be described in the next installment of Life on the farm

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THE BIBLE SPEAKS
International Uniform Sunday School Lessons
BY LAWRENCE W ALTHOUSE

INTO THE WILDERNESS

Lesson for January 9, 1977

Background Scripture: Mark 1:4-13; Luke 3:1-22; 4:1-13.
Devotional Reading: Hebrews 4:12-16.

If you and I were given the opportunity to re-write the Bible there would certainly be a lot of changes! Unfortunately, we probably wouldn't be able to agree on what should be changed and what shouldn't be. Of course, lots of people - including preachers - "change the Bible" by misquoting it or being very selective in what they choose to use from it. Some parts of it we find embarassing, other parts confining, and still others contradictory to what we have already determined to be the truth.

The heavens opened

One of the portions of the Bible we might be tempted to re-write would be the Gospel accounts of John's baptism of Jesus. The problem with these passages from all four Gospels is that they seem to have the chronology all wrong - "wrong" at least in terms of the way we would like for life to be arranged. Each of the four Gospels tells us that Jesus came out to the Judean wilderness, was baptised, and then was led into the wilderness to be tempted. If we could have our way - for both Jesus and ourselves - we would like to turn it around so that the trial in the wilderness would come first, then the baptism and an assurance that "they lived happily ever after."

None of the writers tell us what is in Jesus' mind as he comes up from Nazareth to Judea. Neither do they tell us what he has been thinking or how he has viewed himself in the first thirty years of life. Apparently he knew that John was baptising for repentance and he responded to this need in some way. Perhaps he was drawn to the River Jordan and the Baptist without quite knowing why. At any rate, it seemed to him that he needed to be there, that something significant would happen - and it did!

"You are my son!"

Whatever John's baptism meant to Jesus, as he came up out of the river, he saw a vision and heard a heavenly voice, saying: "Thou art my beloved Son; with thee I am well pleased" (Mark 1:10). To Jesus this was a call or the confirmation of a call he had already been considering. It was one of those rare ecstatic experiences that was to change his whole life.

How strange then to realize that immediately following this mystical experience of the highest order, Jesus is led into the wilderness for temptation. And that's the part that is hard for us to swallow. As we see it, let the wilderness come first and then, when we have endured it and come through it, let us have the vision and the voice (and happiness "ever after").

Often, however, it does not work that way. The high moments of inspiration in life are not guaranteed to be followed by continuing bliss.

It was only after he had endured the temptations of the wilderness that Jesus was ministered unto by God's angels. In the midst of the wilderness that may surround your life at this present moment, remember that!

NOW IS THE TIME...

Max Smith
County Agr. Agent
Telephone 394-6851

TO PROVIDE SALT AND MINERALS

A recent question as to why steers were eating soil reminds me of the need of ample supplies of salt and minerals for livestock at all times. Salt is not expensive and can usually increase the water consumption of most animals; also, water is one of the most essential ingredients of efficient milk or weight production. Loose salt is suggested rather than block salt because it is more palatible and not likely to make sore tongues. Minerals are very essential to good digestion and we suggest free choice minerals in addition to limited amounts in the ration. There are many mineral mixtures on the market and some producers mix their own; information is available

[Continued on Page 13]

Farmers are reminded that the tax guides for them are available at all county Extension Service offices. They may be picked up there in person, or will be mailed to them upon request.

Farm Calendar

Sunday, Jan. 9

Pennsylvania Junior Guernsey Breeders Association holds annual meeting, 1:30 p.m. in Parlor A of the Farm Show Building.

Monday, Jan. 10

Pennsylvania Farm Show officially opens to the public. Please refer to other portions of this newspaper for complete details and schedules of events. The show lasts through Friday.

Annual meeting of the Pennsylvania Master Corn Growers Association, 1 p.m., Room 103 at the Pennsylvania Department of Agriculture Bldg.

Tuesday, Jan. 11

46th annual meeting of the Pennsylvania Guernsey Breeders' Association, Schindler's Restaurant, Camp Hill, 10:30 a.m. business meeting; banquet at 12 noon.

Pennsylvania Dairymens' Association annual meeting and banquet, Penn Harris Motor Inn, Camp Hill, 6:30 p.m

Annual winter meeting of New Jersey Association of Nurserymen, Gov. Morris Inn, Morristown

Master Farmer Awards Luncheon, 12:30 p.m at the Penn Harris Motor Inn.

Wednesday, Jan. 12

Pennsylvania FFA Mid-Winter Convention, 12 noon at the Forum in Harrisburg.

National Farmers Organization meeting, Room B, Farm Show Building, Harrisburg, 6 p.m.

Lebanon County Conservation District Board of Directors meets at 8 p.m. in Room 207 of the Lebanon County Municipal Building, Lebanon.

Thursday, Jan. 13

Red Lion Young Farmers meet 8 p.m. at the high school. Topic: Farm business analysis and records.

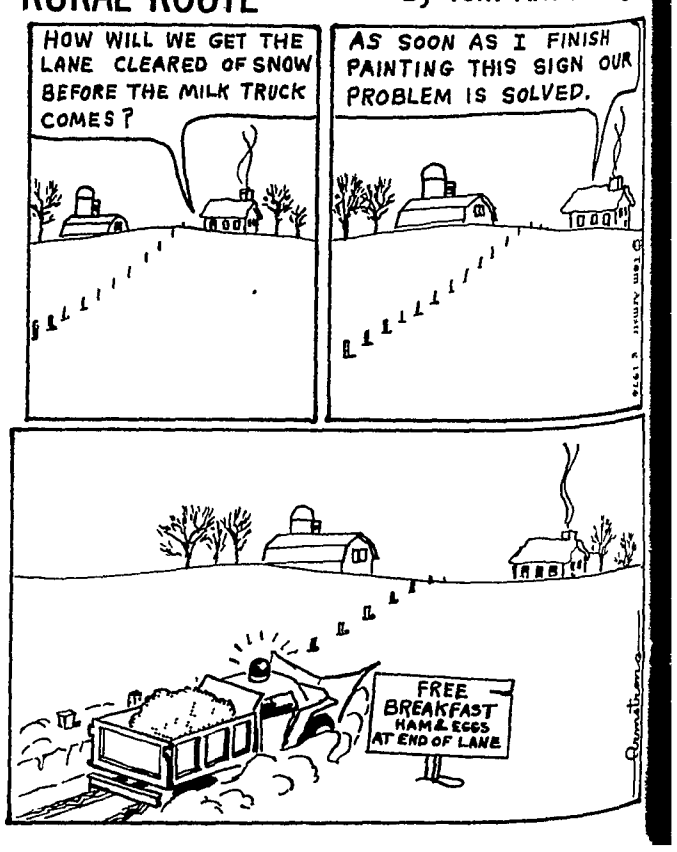
Maryland Ag Commission meeting.

Friday, Jan. 14

Delaware-Maryland No-Tillage Symposium, Tidewater Inn, Easton, Md., 9 a.m. to 5 p.m., lunch will be served noon, dinner at 5:45

Chester County DHIA annual dinner meeting, East Brandywine Fire Hall, Guthriesville, 7 p.m.

RURAL ROUTE — By Tom Armstrong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AS SOON AS I FINISH PAINTING THIS SIGN OUR PROBLEM IS SOLVED.
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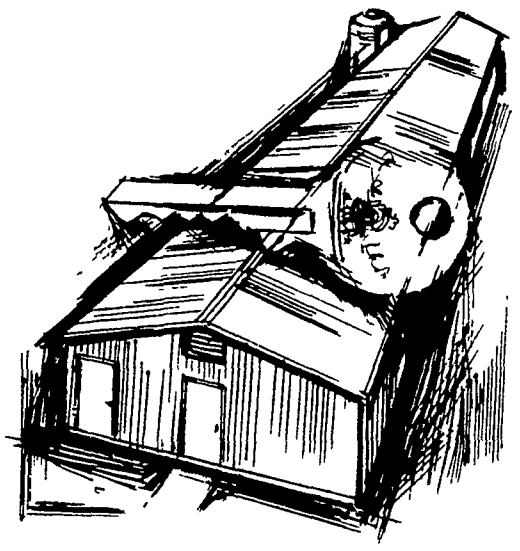

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ROUTE 30 WEST AT
THE CENTERVILLE EXIT

SEE US AT BOOTH NUMBERS 694 & 695 AND ALSO AT THE POULTRY HOUSE AT THE FARM SHOW

Livestock market and auction news

Chambersburg

December 30, 1976

CATTLE 365. Compared with last Thursday's market, slaughter cows about steady, spots 25 cents lower to 25 cents higher. Few low Choice slaughter steers 38.00-38.60, Good 34.50-37.85, Standard 32.10-34.25, Utility 26.85-31.25. Couple slaughter heifers 36.10 and 39.35, few Good 32.25-33.75. Utility & High Dressing Cutter slaughter cows 26.00-28.50, Cutters 29.75-27.25, Canners 22.75-25.00, few Shells down to 21.50. One Good slaughter bullock at 36.00, few Utility 26.60-32.60. Yield Grade No. 1 1100-1850 lbs. slaughter bulls 33.00-39.00.

CALVES 591. Vealers grading Choice $2 higher, Standard & Good 70-110 lbs.steady to $2 lower. Prime vealers 67 00-75.00, Choice 57.00-67.50, Good 44.00-56.00, Standard & Good 110-130 lbs. 36.00-44.00, 90-110 lbs. 32.00-37.00, Standard 70-85 lbs. 29.00-33.00, Utility 50-70 lbs. 20.00-28.00. Farm calves, holstein bulls 95-115 lbs. 35.00-47.00.

HOGS 119. Barrows & Gilts $1.25 to $1.50 lower. US No. 1-2 195-225 lbs. barrows & gilts 39.00-39.60, No. 1-3 210-240 lbs. 38.60-39.00, No. 2-3 225-250 lbs. 37.75-38.85. US No. 1-3 300-475 lbs. sows 28.00-30.75. Few Boars 14.00-22.50.

FEEDER PIGS 43. US No. 1-3 35-50 lbs. feeder pigs 19.50-27.00 per head.

SHEEP 52. Choice 80-115 lbs. wooled slaughter lambs 40.50-48.00.

Lancaster Feeder Pigs

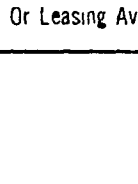
Tuesday, January 4, 1977

	Feeder pigs
Today	747
Two Weeks Ago	1652

TREND: Compared to two weeks ago feeder pigs 6.00-10.00 higher. All prices on a per hundred weight basis.

US 1-2 38-60 lb. 64.00-72.00, 46 head 56 lb. 74.50, 60 head 70-93 lb. 51.00-58.00; US 2-3 One lot 34 lbs. 56.00 - 40-60 lb. 59.00-68.50, 20 head 40 lb. 73.00, 19 head 70 lb. 55.00

Utility 55 head 30-75 lb. 37.00-46.00



Martinsburg

January 3, 1977

CATTLE 343. Compared with last Monday's market, slaughter cows 75 cents to $1.50 lower. Choice slaughter steers 38.00-40.50, Good 36.00-38.00, Standard 32.00-34.00, Utility 28.00-32.00. Choice slaughter heifers 34.50-37.00, Good 31.50-34.50, Standard 28.50-32.00, Utility 26.00-28.00. Utility & High Dressing Cutter slaughter cows 26.00-28.50, Cutters 24.50-26.00, Canners 23.50-24.50, Shells down to 18.00. Good slaughter bullocks 31.50-36.50, Standard 28.50-32.00. Yield Grade No. 1 1000-2000 lbs. slaughter bulls 33.50-36.75; yield grade No. 2 900-1600 lbs. 30.00-34.00. Few Medium & Good 500-700 lbs. feeder steers 28.00-35.00; Medium & Good 500-700 lbs. feeder heifers 23.50-26.50.

Dewart Auction

January 3, 1977

CATTLE 212. Compared with last Monday's market; few Choice No. 2-4 1100-1400 lbs. slaughter steers 38.25-40.35, Good 34.75-38.60, Standard 31.75-34.25, few Utility 27.50-30.50. Couple Good slaughter heifers 34.75 and 35.25, few Utility 25.00-27.75. Utility & High Dressing Cutter slaughter cows 26.00-28.85, Cutters 23.85-26.25, Canners 21.75-23.85, Shells down to 18.00. One Standard slaughter bullock at 35.75. Few Yield Grade No. 1 1700-2100 lbs. slaughter bulls 34.00-36.85.

CALVES 173. One Prime vealer at 69.00, Choice 56.00-62.00, Good 45.00-55.00, few Standard & Good 110-130 lbs. 39.00-45.00, 90-110 lbs. 34.00-35.00, Standard 70-85 lbs. 28.00-34.00. Farm calves, holstein bulls 95-115 lbs. 34.00-40.00.

HOGS 275. US No. 1-2 190-230 lbs. barrows & gilts 39.90-40.70, No. 1-3 185-230 lbs. 39.30-40.20, No. 2-4 265-300 lbs. 36.50-36.85. US No. 1-3 300-550 lbs. sows 24.00-28.75, No. 2-3 350-550 lbs. 22.00-24.00. Boars 16.00-24.50.

FEEDER PIGS 169. US No. 1-3 20-35 lbs. feeder pigs 14.00-26.50 per head, No. 1-3 35-45 lbs. 26.00-28.50, No. 1-3 75-100 lbs. 30.00-33.00 per head.

SHEEP 28. Choice 80-110 lbs. wooled slaughter lambs 48.50-54.00.

CALVES 392. Vealers unevenly steady. Choice vealers 65.50-70.00, Good 52.50-60.00, Standard & Good 110-130 lbs. 37.00-55.00, 90-110 lbs. 26.50-34.50.

HOGS 235. Barrows & Gilts $4 to $4.50 lower. US No. 1-2 200-240 lbs. barrows & gilts 38.00-39.50, one lot at 40.00, No. 1-3 200-250 lbs. 36.50-38.50, No. 2-3 190-260 lbs. 36.00-37.50, No. 1-3 140-190 lbs. 32.50-36.00. US No. 1-3 300-550 lbs. sows 26.00-30.00, No. 2-3 300-600 lbs. 24.50-26.50. Boars 17.50-20.00.

FEEDER PIGS 129. US No. 1-3 20-35 lbs. feeder pigs 8.50-17.00 per head, No. 1-3 35-50 lbs. 20.00-26.00 per head.

SHEEP 24. Choice 95-105 lbs. wooled slaughter lambs 43.00-46.00.

Peoria Auction

January 6, 1977

CATTLE:	This
Receipts This Week:	6100
Last Week:	4800
Year Ago:	5700

Compared with last weeks close, Slaughter Steers steady to 50 higher. Slaughter Heifers 50 higher. Cows fully steady. Bulls steady receipts about 65 percent Slaughter Steers, 25 percent Slaughter Heifers balance mainly cows.

SLAUGHTER STEERS: Choice and Prime 3-4 1150-1300 lbs. early 40.50-41.25, late 39.50-40.50, load 40.75 with load and part load 41.00; couple loads mostly 4 1400-1500 lbs. 39.00-39.25 and couple loads 4-5 1300-1550 lbs. 36.00-39.00; Choice 2-4 950-1275 lbs. 39.00-41.50, at mid week 39.00-40.50; Mixed Good and Choice 2-4 900-1300 lbs. 37.00-39.00; Good 2-3 35.00-37.00; load Good 2-3 Holsteins 34.50, and load Standard and Good 2-3 33.25.

SLAUGHTER HEIFERS: Choice and Prime 3-4 900-1075 lbs. 38.00-39.00, mostly 38.00-38.50; Choice 2-4 850-1050 lbs. 37.00-38.00; Mixed Good and Choice 2-4 800-1100 lbs. 35.50-37.00; Good 2-3 33.00-35.50; Standard and Good 2-3 30.00-33.00.

COWS: Utility and Commercial 2-3 22.50-24.00, High-dressing Utility 24.50; Cutter 1-2 21.00-23.00; Canner 19.00-21.50.

BULLS: Yield Grade 1-2 1100-1700 lbs. 25.00-31.00, few yield Grade 1 32.00.

Leesport Auction

January 5, 1977

CATTLE 269. Supply included 81 head feeder cattle. Compared with last Wednesday's market slaughter steers grading Good and Choice $1 to $2 higher. Slaughter cows 25 cents to 75 cents lower. Choice 2-4, 1050-1200 lbs. slaughter steers 39.85-42.00, Good 36.00-41.00, few Standard 32.25-34.75, few Utility 29.00-31.75. Few Standard and Good slaughter heifers 30.00-34.00. Utility and High Dressing Cutter slaughter cows 26.00-27.50, Cutters 24.00-26.25, Canners 21.50-24.25, Shells down to 17.60. Individual Choice slaughter bullock at 38.00, few Good 34.00-38.00, few Standard 30.00-32.75. Few Yield Grade No. 1, 1300-1700 lbs. slaughter bulls 33.00-33.85. Choice 400-800 lbs. feeder steers 34.75-38.00, couple to 41.00, Good 500-700 lbs. 32.25-36.25.

CALVES 219. Vealers grading Standard and Good 70-110 lbs. $3 higher. Few Prime vealers 65.00-68.00, Choice 57.00-65.00, Good 43.00-53.00, few Standard and Good 110-130 lbs. 36.00-44.00, 90-110 lbs. 32.00-36.50, Standard 70-85 lbs. 23.00-33.00, Utility 50-65 lbs. 12.00-20.00. Farm Calves: Holstein bulls 95-115 lbs. 35.00-41.00.

HOGS 298. Barrows and gilts $1 to $2.25 higher. US No. 1-2 190-230 lbs. barrows and gilts 40.00-40.75, lot to 41.35, No. 1-3 185-230 lbs. 39.10-40.25, few lots No. 2-4 300-325 lbs. 32.00-33.60. US No. 1-3 300-550 lbs. sows 28.00-32.00. Boars 20.00-30.00.

FEEDER PIGS 246. US No. 1-3 20-35 lbs. feeder pigs 16.00-28.00 per head, No. 1-3 65-100 lbs. 33.00-38.00, Utility 20-35 lbs. 9.50-20.00 per head

SHEEP 27. Choice 50-100 lbs. wooled slaughter lambs 50.00-61.00, individual at 67.00.

Belleville Auction

January 5, 1977

CATTLE 198. Compared with last Wednesday's market, slaughter cows $1 to $2.50 lower. Two Good slaughter steers 32.25 and 33.10, one Standard at 34.00, few Utility & Low Standard 28.00-29.00. One Choice No. 4 slaughter heifer at 31.50, one Good at 31.00, few Standard 26.00-28.00, few Utility 22.00-26.50. Utility & High Dressing Cutter slaughter cows 24.10-26.10, few Commercial 24.60-26.75, Cutters 22.75-24.25, Canners 20.10-22.75, Shells down to 16.75. One Good slaughter bullock at 31.75, few Standard 28.85-34.00, one Utility at 23.35. Yield Grade No. 1 1505-1855 lbs. slaughter bulls 32.00-32.50.

CALVES 217. Vealers grading Standard & Good $1 to $3 higher. Few Choice vealers 55.00-57.00, Good 39.00-51.00, Standard & Good 110-130 lbs. 34.00-41.50, 90-110 lbs. 28.00-34.00, Standard 60-90 lbs. 22.00-29.00, Utility 50-105 lbs. 10.00-20.00. Farm calves, holstein bulls 100-115 lbs. 35.00-40.50; holstein heifers 90-115 lbs. 32.50-41.50.

HOGS 253. Barrows & Gilts steady to 50 cents higher. US No. 1-2 200-240 lbs. barrows & gilts 39.80-41.00, No. 1-3 195-245 lbs. 39.50-40.30, one lot 41.50, No. 2-3 190-260 lbs. 37.00-39.00, lot 41.40. Few US No. 1-3 300-425 lbs. sows 27.75-32.50, No. 2-3 375-600 lbs. 22.75-26.75. Few Boars 14.25-18.25.

FEEDER PIGS 565. US No. 1-3 25-35 lbs. feeder pigs 7.00-15.00 per head, No. 1-3 35-50 lbs. 11.00-24.00, No. 1-3 50-80 lbs. 24.00-38.00, No. 1-3 85-120 lbs. 38.00-42.50, Utility 25-60 lbs. 8.00-15.00 per head.

SHEEP 8. Few Good 75-130 lbs. wooled slaughter lambs 25.00-44.50.

Baltimore USDA

January 3, 1977

CATTLE 500: Slaughter steers and heifers steady, cows $1.00-1.50 lower, bulls firm, few feeder cattle steady. Supply 35 per cent slaughter steers & heifers, 50 per cent cows, balance feeders and bulls.

SLAUGHTER STEERS Choice 2-4 975-1285 lbs. 39.00-40.50; Good 2-4 975-1250 lbs 33.75-38.00; Standard and low Good 2-3 1100-1550 lbs. 27.75-32.00.

SLAUGHTER HEIFERS Choice 2-4 975-1000 lbs 36.00-38.00; few Good & Choice 2-3 785-990 lbs. 33.00-33.75, Good 2-3 775-1000 lbs. 29.75-33.00

COWS: Utility 2-3 & Commercial 3-4 22.50-26.50, few 26.60-27.00; Cutter 21.00-25.50; Canner & low Cutter 18.00-21.00.

BULLS: Yield Grade 1 1000-1400 lbs. 28.75-34.50, 1400-1900 lbs. 29.60-34.75

FEEDER CATTLE high Good & Choice steers 860-950 lbs. 32.50-35.00; Good 770-800 lbs. 30.00-31.50; Choice steer calves 385-470 lbs. 32.75-34.50; package Choice heifers 318 lbs. 30.00; few Good 575-660 lbs. 23.75-25.00

VEAL & CALF AUCTION 100: Choice 160-260 lb Vealers 57.00-70.00; Good 130-270 lbs. 45.00-56.00; early sales Standard and low Good 75-135 lbs. 27.00-35.00; Good calves 300-440 lbs. 30.00-35.00

SHEEP AUCTION 10. Package Choice wooled slaughter lambs 85 lbs. 49.50.

Lancaster Grain Prices

Friday, Jan. 7

These prices are made up of the average prices quoted by a number of participating area feed and grain concerns. It should be noted, however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn and soybean meal which are per ton.

The average prices quoted Friday, Jan. 7 are as follows:

	Bid+	Offered+
Ear Corn	54.00	61.00
Shelled Corn	2.51	2.71
Barley	2.30	2.50
Oats		
Local	1.61	1.83
Western	2.11	2.27
Wheat		
Millers	2.66	2.81
Soybeans	6.95	—
Soybean Meal		249.00

+Bid is the price the dealer will buy from the farmer delivered to the mill Offered is the price the dealer will sell for at his mill

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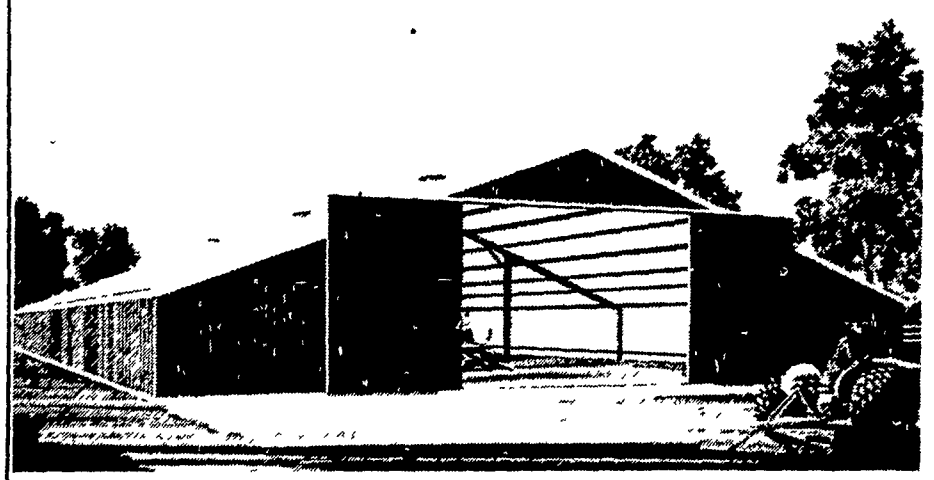

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Livestock market

Carlisle Auction

January 4, 1977

CATTLE 255. Compared with last Tuesday's market, slaughter steers $1 to $3 higher. Slaughter cows 50 cents to $1.50 lower. Choice slaughter steers 39.75-40.75, Good 36.10-39.75, Standard 31.50-35.50, Utility 26.25-29.50. Choice slaughter heifers 36.85-38.50, Good 34.35-35.25, Utility and Standard 25.50-28.25. Utility and High Dressing Cutter slaughter cows 25.50-26.75, one at 27.35, Cutters 22.85-25.25, Canners 20.10-22.60, Shells down to 18.85. Few Good slaughter bullocks 33.10-33.75, few Standard 30.25-31.25.

CALVES 172. Vealers weak to $3 lower. Prime vealers 65.00-69.00, Choice 49.50-56.00, Good 36.00-47.25, Standard and Good 110-130 lbs. 34.00-39.00, 90-110 lbs. 26.00-33.00, Utility and Standard 65-90 lbs. 18.00-27.00.

HOGS 233. Barrows and gilts $1 to $3 lower. US no. 1-2 200-235 lbs. barrows and gilts 38.25-39.00, No. 1-3 200-245 lbs. 37.60-38.25, No. 2-3 200-260 lbs. 33.75-36.00. US No. 1-3 300-550 lbs. sows 32.50-35.00, No. 2-3 300-600 lbs. 22.00-29.50. Boars at 18.50.

FEEDER PIGS 234. US No. 1-3 20-30 lbs. feeder pigs 14.00-19.00 per head, No. 1-3 30-40 lbs. 20.00-23.00, No. 1-3 50-60 lbs. 25.00-27.50 per head.

SHEEP 10. Individual Choice wooled slaughter lamb at 52.00, Good 70-95 lbs. 42.50-45.50.

case

Now is the time

(Continued from Page 10)

from any County Agent's office. Both the salt and mineral containers should be under roof in order to keep them from getting wet and then harden. Don't impede efficiency because of the lack of either salt or minerals.

TO MARKET CATTLE BY FINISH - NOT WEIGHT

Some feeders are keeping their cattle too long and end up with cattle carrying too much excess fat. Under present grading standards cattle values are determined upon the carcass grade as well as the yield grade; this means that some cattle only weighing around 1,000 pounds could be finished enough to grade Choice and give a Yield Grade of No. 2 or No.3. To keep this kind of cattle until they weigh several hundred pounds more, means higher cost of gains and worth less per pound on the market. Large, framey cattle may need to be fed until they weigh at least 1200 pounds in order to grade properly; therefore, we suggest that feeders sort and market cattle according to their amount of finish, rather than by weight alone.

TO CONTROL WEEDS IN ALFALFA

Winter-time weeds may be hurting some alfalfa fields in this part of the state; even under the snow we can get growth of such weeds as chickweed. When temperatures are below freezing it is not possible to spray work; however, growers should be alert to the fact that some fields may be getting hurt because of the weed growth. Fall and early winter is the best time to spray for winter weeds in alfalfa. With the high values of alfalfa hay ($70 to $90 per ton) it is worthwhile to make every effort to produce maximum tons per acre. Too many weeds on the field next spring will surely reduce yields. We suggest that growers refer to the Agronomy Guide for additional information, or contact their local custom spray applicator.

TO BENEFIT FROM STATE FARM SHOW

The big event in Pennsylvania agriculture this month is the State Farm Show; there are many reasons for attending this huge display besides eating baked potatoes and hoagies. I realize that many farmers attend to see the new machinery, or to see their favored specie of livestock judged; this is quite acceptable and makes the day worthwhile. In addition, I'd suggest that active farmers attend and participate in some of the state-wide meetings and banquets that are held during the week. Many of these are quite educational and promote various farm products. Also, to the non-farm family we recommend taking the youngsters to the show in order to see the many kinds of animals and farm products. It can be a real educational visit for any family, and all under one roof in the dead of winter.

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Beef production

(Continued from Page 1)

pound less than in 1975. As of mid-December, the five-cut average was down 19 cents from a year earlier."

But the American Meat Institute, based here, projected the following outlook in its Dec. 29, 1976 statement: "There will be plentiful supplies of meat at reasonable prices in 1977, the American Meat Institute said.

Institute President Richard Lyng predicted an increase in pork production over the 1976 level and said that beef production will drop slightly in 1977. "The record high corn crop in 1976 should encourage more hog production and bring about the largest pork supplies since 1974. Beef production and total red meat consumption were the highest ever in 1976," Lyng said.

In 1977, the supply of red meat will average 191.6 pounds per person, down about a half a pound from the 1976 record per capita figure of 192.0 pounds. By categories, this is: 123.0 pounds of beef, down 5.5 pounds; 63.5 pounds of pork, up nearly 6 pounds; and about two pounds of lamb and a little over three pounds of veal, Lyng said.

Total red meat production will increase slightly from 39.5 billion pounds in 1976 to 39.7 billion pounds in 1977. Most of this increase will come in pork which will go up to 13.7 billion pounds, over a billion pounds higher than the 1976 figure of 12.4 billion pounds. Beef production will drop slightly from 25.9 billion pounds in 1976 to 25.0 billion pounds in 1977.

The American Meat Institute is the national trade association of the meat packing and processing industry.

With prospects for small supplies of beef in 1977, U. S. Department of Agriculture and economists have been forecasting an increase in average retail beef prices ANCA's Finney noted. However, based on the current outlook, prices may not reach the level of mid-1975, when supplies of higher quality fed beef were particularly limited.

At any rate, there will continue to be some fluctations in prices as a result of changes in supplies of beef and other meats. For one thing, Finney explained, unforseen weather and pasture conditions can markedly affect beef supplies.

The ANCA president explained that, in addition to short term changes in supplies and prices, the cattle industry generally goes through a 10-year cycle.

"We have one stage," he said, "where we build up numbers of cattle, as hundreds of thousands of individual cattlemen make decisions which collectively result in a larger total cattle herd - and ultimately in more beef. Subsequently, in response to adverse economics brought on by excessive supplies, we have a phase where total numbers of cattle are reduced. A single phase of the long-term cycle may last for several years.

"We are now nearing the end of a period of expanding beef production. Most cattlemen have been losing money for much of the past three years, and this has resulted in liquidation or cutbacks in basic herds. Widespread drouth could further increase the herd liquidation - and beef supplies for consumers - in the short term. Otherwise, the basic trend is expected to be one of declining per capita beef supplies over the next few years.

"This will mean increases in average cattle and beef prices. Cattle prices simply have to get back to a point where they are higher than today's inflated production costs, and where cattlemen can begin to recoup their losses. If we don't experience some improvement soon, more producers will be forced out of the cattle business, and consumers eventually will find much less beef available, at much higher prices."

Kerstetter urges direct marketing

HARRISBURG, Pa. - Pennsylvania Secretary of Agriculture Raymond J. Kerstetter last week said that Pennsylvania's farmers and agricultural workers should step up their direct marketing practices.

Kerstetter said that the "Farmer-to-Consumer Direct Marketing Act of 1976," P.L. 94-463, recently passed by Congress will provide appropriations to individual states for the promotion of the establishment and operation of direct marketing from farmers to consumers. Under the law, $1.5 million will be appropriated for this purpose in fiscal years 1977 and 1978.

"The Pennsylvania Department of Agriculture," Kerstetter said, "has long been active in the promotion of direct farmer to consumer marketing. If our farmers are to get a fair share of the food dollar and consumers hope to pay less, food must be moved by some method other than the conventional marketing system with its built in high costs. We have seen direct marketing as an obvious alternative."

The Pennsylvania Department of Agriculture publishes several pamphlets and brochures dealing with direct marketing services available to the public. These publications include an annual Pennsylvania Produce Buyer's Guide, How To Create a Farmers Market, and a listing of pick-your-own services operated by the Commonwealth's farmers. A monthly newsletter is mailed to some 600 farmer operated roadside stands.

The Bureau of Markets has held a series of meetings, seminars, and conferences to promote the direct marketing idea. One of the seminars resulted in the opening and operating of the open-air market on the Farm Show grounds.

Kerstetter said that over $100 million in retail sales are recorded each year from the state's roadside markets, pick-your-own, farmers markets and milk juggers More direct marketing can only provide a better service to the farmer and consumer alike and is already accounting for a larger share of what our farmers have to sell.

Restrictions imposed

The average milk producer will need to be concerned about the purchase and use of such pesticides as Furadan, Dasnait, Dyfonate, Thimet, Guthion in crop production as feed for his dairy animals. These will probably be classified as Restricted and will require a Certification by the farmer after October 1977.

The Certification can be done through home study and examination applications are available at supply dealers and county Extension Service Offices.

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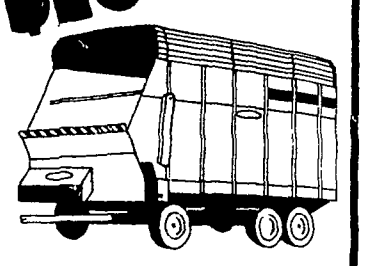

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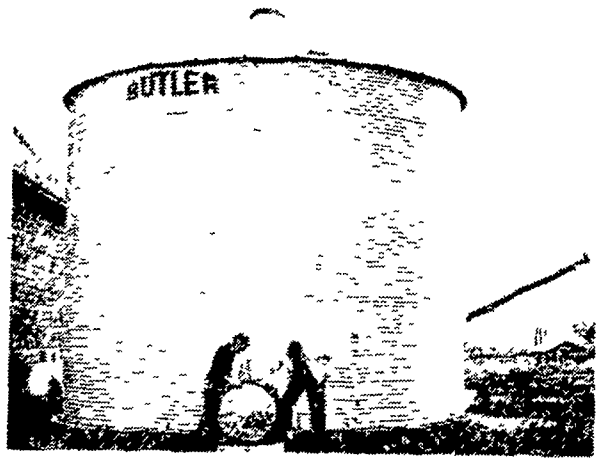

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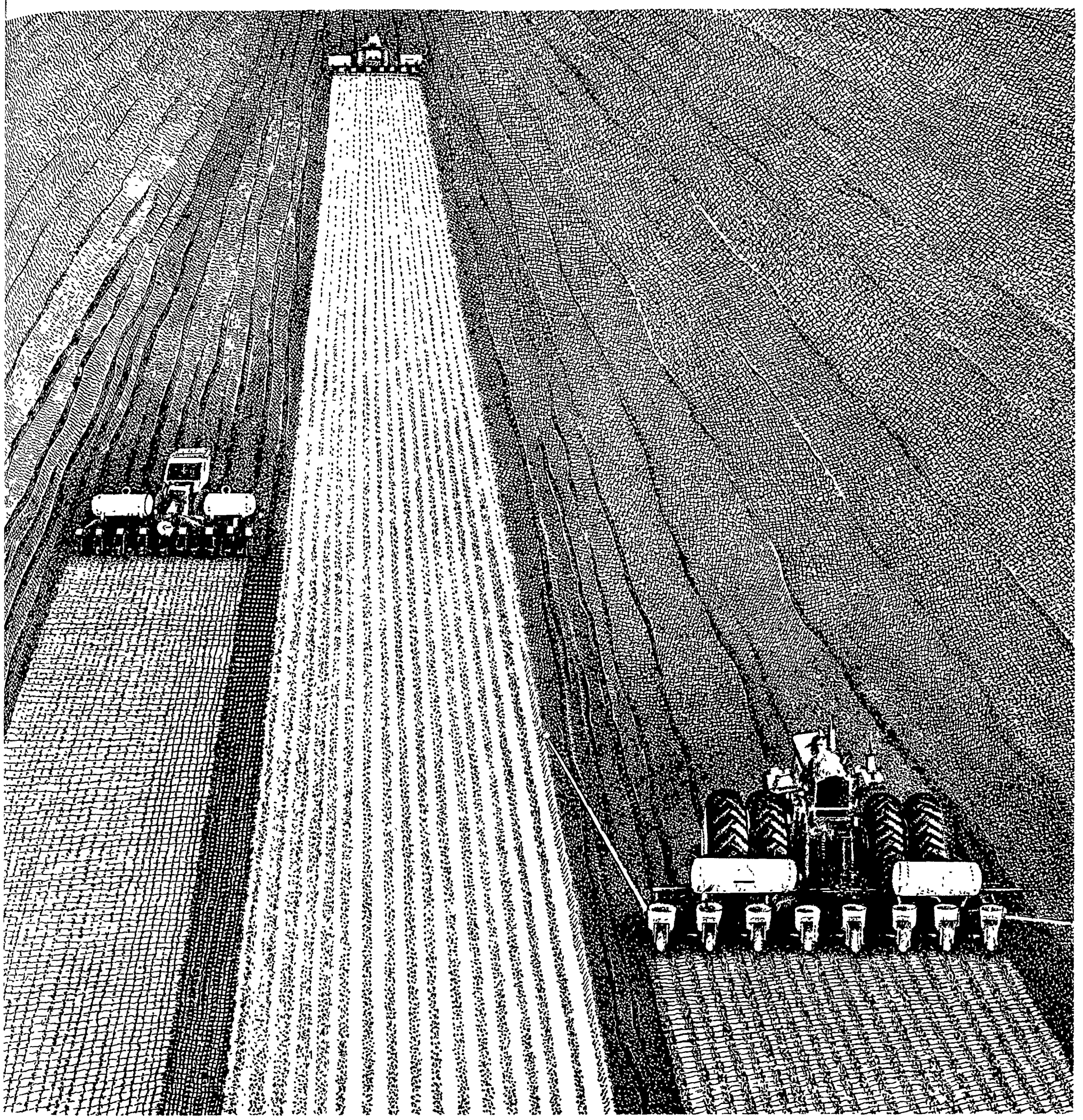

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By JUDY MITCHELL
Berks Co. Reporter

SHOEMAKERSVILLE, Pa. - A recent survey conducted by Lancaster Farming indicated that the number of Berks countians competing at Pennsylvania Farm Show events in recent years has been rapidly dwindling, and "old-timers" at show week contests from this area are becoming a rarity. Distance, time of year, and the quota system for livestock breeds appear to be some of the factors contributing to the decline, but Sam G. Yoder of Shoemakersville is one veteran who is looking forward to his 28th year at the 1977 Farm Show.

The travel distance to Harrisburg is really a minor factor for this Milking Shorthorn exhibitor, since Yoder's showing and judging activities have taken him all over the country, including the states of Illinois, Maine, Maryland, Massachusetts, Michigan, Missouri, Ohio, Oklahoma, and Wisconsin. According to Yoder, showing is something that "gets in your blood - like a guy who goes to the races." His wife Phyllis agrees with that statement, dryly diagnosing that "with Sam, it's a disease."

Yoder first started showing at Farm Show in 1948 and has missed only one year since then. That was the 1954 show, he explained, the first Farm Show following his draft into military service. Although he was unable to make it home that time, he was able to get leave to coincide with the Farm Show the following year and flew in from Texas where he was stationed at the time, to participate in the show.

Phyllis confirms the fact that her husband has not missed exhibiting at Farm Show since they were married in 1957. As a matter of fact, she recalls with obvious good humor, their first son was born the day Yoder was to leave for the 1958 show, and although Sam E.'s birth postponed her husband's leavetaking by a day, Phyllis got an extended stay in the hospital because the day she was to be released happened to fall on show day for Milking Shorthorns!

In spite of his commitment to exhibiting at the state show, Sam nevertheless maintains that, in his opinion, "it's the wrong time of year to have a show the size and caliber of Farm Show." Housing the livestock is a crucial factor with a January show, and Yoder points out that the only alternative to the quota system used to limit numbers would be expanding barn space to accommodate all the applicants. "And why should Pennsylvania exhibitors be denied the opportunity to exhibit at their own state show?" he adds, "Particularly when Pennsylvania does not have a state fair."

There are a number of farmers in the county who might like to exhibit, Yoder observes, but "people get discouraged" when they are turned down year after year because the quota for their breed has been filled. The Yoders had no difficulty getting their applications for their Milking Shorthorns accepted again this year, but they note that if they wanted to take their Holsteins, acceptance would not be so certain.

The Yoder's four children have been attending Farm Show with their parents since they were babies, and a series of framed, 8 by 10 newspaper glossies hanging on the wall in the Yoder home illustrate the making of a family Farm Show tradition. In fact, one of the reasons Yoder gives for continuing to attend the show is that "the kids love it."

"The kids" are: Sam, 18; Nedra, 17; Fred, 16; and Wendy, 15. They'll all be attending this year's show with their dad, each showing their own animals. Collectively, the family will be taking 16 Milking Shorthorns, four swine, and one steer.

According to Yoder, the family has had their "share of good luck" at Farm Show over the years, a modest statement considering the Yoders' accumulation of more than 30 banners and at least 10 plaques for champion animals and premier honors. Yoder prefers the banner awards which were given at the show until several years ago when they were replaced by the plaques. He says that the family has often considered having the banners made into a quilt, but notes that "now it looks like we have enough for five quilts."

The friendly rivalry that exists between family members was evident when Nedra and Wendy responded to the question: Will the Yoders be competing with one another in the Farm Show Milking Shorthorn events this year? Both girls answered in the affirmative, and a quick run-down of who won what awards last year suggested that it's most fun beating Dad. Yoder was premier breeder and exhibitor at the '76 show, but Nedra had the champion cow, and Wendy had the reserve senior champion and the reserve junior champion in the open show.

Although Phyllis used to participate in the Farm Show contests when the children were younger, she leaves the showing to her husband and children these days. She'll be in Harrisburg on show day though, "our moral support" as Nedra refers to her mother. According to her husband, Phyllis is "the brains behind the outfit."

Sam E. and Fred, absent during most of Lancaster Farming's interview, returned home in time for a picture-taking session, and as the Yoder clan gathered around their dining room table inspecting old family Farm Show photos, it appeared evident that the "show bug" has infected them all

The Yoder family reminisces about Farm Shows past as they consider a few of the newspaper photographs taken of the family when the children were small. Seated, left to right, are: Fred, Sam G., Phyllis, and Sam E.; standing behind them are (left to right) Nedra and Wendy.

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Don Rohrer wins

[Continued on Page 1]

Penn Bell variety wrapper. In the filler category, Jeff Breneman of Millersville placed first with 24 points, followed by Boyd with 22 points. Breneman placed second to Boyd in the wrapper class.

Boyd commented he has been around tobacco for all of his life and he and his father raised seven acres this past year. He planted his crop in mid-June and was pretty well satisfied with the way it produced, "It was a good year for curing," he commented, "but we had a little too much rain which hurt the weight a little when we stripped it out."

Winning the tobacco show came as a surprise to Boyd, who at 18 has won numerous trophies in a wide variety of contests but not in tobacco. Another show won by the Ephrata youth here on Thursday was the 4-H corn contest.

John Yocum, who judged the show, remarked that Boyd's corn was exceptionally well filled to the tip, had uniform length, was free of disease, and the kernels were well filled and tight. Boyd said he had grown the corn in a one-acre plot on his father's farm and had not bothered to thin it for competition. "It was grown under normal care," he explained. Planted on the first of May, the corn was actually picked before it was ripe in order to have it for contests at both the Ephrata and Manheim fairs. Boyd will be taking both his corn and tobacco to the Farm Show this week.

The FFA corn contest was won by Bruce Wise of Bowmansville.

There were 154 entries in the tobacco show this year, up from 111 the year before. Judges for the tobacco show were Maurice Hostetter and L.C. Whitmore. They both described this year's show as having been better than last year's in terms of quality and number of entries. "The contestants take pride in what they bring here, and they're doing a good job," Whitmore said.

Both thought the judging was tough, as they examined more than 150 hands of tobacco in order to find the most nearly perfect specimens. Among the qualities they looked for were chestnut brown color, thin and clean texture, and good open-bodied graining.

Both judges, who represent the tobacco industry in Lancaster, said there is a good demand this year for high quality tobacco. The going price is 60 cents per pound, with higher returns possible if the farmer strips his crop according to the buyers' wishes.

Rohrer, who farms near Strasburg, will be entering his tobacco in the Farm Show next week. It'll be a first for him, as was this show here at the Farm and Home Center.

Following are the placings of the tobacco show.

Open Classes

Wrappers

Champion Wrapper—Donald M. Rohrer, 1428 Lime Valley Road

Long Wrappers—1. Donald M. Rohrer 2. Raymond S. Brubaker, 206 Rohrerstown Road 3. Jay Neff, Millersville 4. Raymond A. Brubaker, 206 Rohrerstown Road 5. Donald E. Shank, Pequea R1.

Short Wrappers—1. Ray Caldwell, Millersville R1 2. Raymond A. Brubaker 3. Raymond S. Brubaker 4. Jay Neff 5. Jere Neff, Millersville R1.

Binders

Champion Binder—Donald M. Rohrer

Long Binders—1. Donald M. Rohrer 2. Gary R. Neff, Millersville R1 3. Raymond S. Brubaker 4. Jere Neff 5. Jay Neff

Short Binders—1. Donald M. Rohrer 2. John G. Brubaker, 764 Lawrence Blvd. 3. Jay Neff 4. Donald E. Shank 5. Jay Hostetter, Manheim

Fillers

Champion Filler—Gary R. Neff, Millersville R1

Long Fillers—1. Donald M. Rohrer 2. Raymond S. Brubaker, 3. Jay Neff 4. Gary R. Neff 5. Raymond Burkholder, Washington Boro R1.

Short Fillers—1. Gary R. Neff 2. Raymond S. Brubaker 3. Jay Neff 4. Ray Caldwell 5. Donald E. Shank

FFA Classes

Grand Champion—Steve Shertzer, Millersville R1, Penn Manor High School

Wrappers—1. Steve Shertzer 2. Marianne Burkholder, Washington Boro R1, Penn Manor 3. Chris Herr, Narvon R1, Garden Spot High School 4. Jere Neff, Millersville R1, Penn Manor 5. Jay Neff, Millersville R1, Penn Manor 6. Kay Shertzer, Millersville R2, Penn Manor 7. Barry Campbell, 120 Albright Ave., Penn Manor 8. Dwight Eshleman, 2107 Southview Road, Lampeter-Strasburg High School 9. Kerry Boyd, Ephrata R1, Ephrata High School 10. Donald Dohner, Elizabethtown R1, Elizabethtown High School

Fillers—1. Jere Neff 2. Ray Caldwell 3. Jay Neff 4. Marianne Burkholder 5. Kay Shertzer 6. Dwight Eshleman 7. Mark Myers, Lancaster R6, Penn Manor 8. John Myers, Lancaster R6, Penn Manor 9. Kerry Boyd 10. Jeff Risser, Lancaster R2, Penn Manor

4-H Classes

Champion—Kerry Boyd

Roundup scores—1. Kerry Boyd 2. Jeff Breneman, Millersville R1 3. Tim Swarr, Manheim R2 4. Freda Swarr, Manheim R2

Wrappers—1. Kerry Boyd 2. Jeff Breneman 3. Tim Swarr 4. Freda Swarr

Fillers—1. Jeff Breneman 2. Kerry Boyd 3. Tim Swarr 4. Freda Swarr

Don Rohrer, right, won the Lancaster County Tobacco Show at the Farm and Home Center on Thursday. Judges were Maurice Hostetter of the A. K. Mann Co., Lancaster; and Lester C. Whitmore, center, representing the American Cigar Co. A better crop spurred interest in the event and entries were up from 111 a year ago to 154 this year. Rohrer farms near Strasburg and had never entered the tobacco show before. Another first for the 42-year old farmer will be competition at the Farm Show this coming week. Rohrer is looking forward to it since Lancaster Countians have an excellent record for winning the state contest. The show in Harrisburg will be judged by John Yocum, superintendent and tobacco specialist at Penn State's research farm near Landisville.

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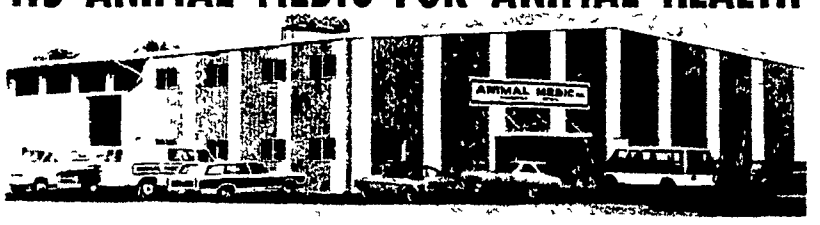

Jim Goold, one of the students of Devereux Schools, the Foundation which now runs Soleil Farms, helps with some of the work of raising the steers. Goold will be attending the Farm Show with Conrad Grove this coming week.

Soleil Farms

[Continued from Page 1]

Now, as then, Soleil Farms is run by Conrad Grove, a native Virginian who has been managing purebred cattle farms for 30 odd years.

Under his direction since 1959, Soleil Farms has taken more top banners and plaques in Angus competition at the Pennsylvania Farm Show than he has even bothered to keep a count of, even though his high ceilinged office is lined with the lavender and gold banners much in the style that a hunter's den would be mounted with animal trophies or a castle with shields and coats of arms. And, there are more banners in boxes on the floor.

"Those are good at collecting dust," he says exhibiting his subdued southern drawl and good sense of humor, as he glances up toward the ceiling at the banners that only go as far back as 1967.

While most of them are from the Farm Show, there are some interspersed that come from the various shows he goes to such as Eastern Nationals, Keystone International Livestock Exposition, Maryland State Fair and others.

Naming each title would be a tedious job, but one outstanding Farm Show year for Soleil Farms was 1967 when the operation took all four banners in the Angus competition. Grove supposes that this was his best year, but many others come close. He's also proud to be able to say that Soleil Farms has never entered "Best 10 Head" without taking the banner.

Yet, if there is any class that he feels is most important to win, it is "Get of Sire," where four animals are sired by one bull.

"If you win that class, it proves you have a good program going at home," he explains. "Anybody can buy top animals to exhibit," he continues," but, when they all come from one bull, you've got something good going at home."

After "Get of Sire" Grove believes that the next important class is champion bull and then champion heifer.

Over the years, Grove has observed that the number of breeding cattle are dwindling at shows. He says this is happening at almost every show, mainly because it's so costly to exhibit. Monetarily, there is the cost of motel rooms for three or more nights and the price of transporting the animals to the shows. Then there is the cost of being short a man at home to get the work done, and the time involved in preparing the animals for exhibition. On top of this, the titles are difficult to win, and even if a showman does take a first place, the premium involved is only $37.50 for first place at the Farm Show. So, farmers are beginning to look, rather than participate.

Grove usually exhibits eight to 12 animals each year, and this year has entered 11. Actually, he had entered 14, originally, but because stall room was needed at the Farm Show, he dropped his total by three. It wasn't mandatory to withdraw but he chose to in order that other breeders might have a chance to participate.

For this breeder who exhibits at international shows, the competition at the Farm Show is not as tough as some he encounters, simply because it's strictly Pennsylvania animals. He actually employs this January show as a display window for his operation at home, letting other breeders appraise his animals for themselves.

The Downingtown operation this coming Spring will consist of breeding and calving 300 purebred Angus cows. Of the resulting calves, Grove says that the top 20 per cent of the bulls and top 50 per cent of the heifers will become breeding stock, and the remainder will be steered with some going as 4-H Club calves and show steers. The balance of these animals will go into the feedlot and into the Devereux School operation.

"This gives the school top quality beef," says Grove, adding that it is also an aid to improving his herd.

"With the operation set up the way it is now," he says, "we never have to make excuses for anything we don't like in our animals. If they don't suit us, we have an outlet for them." Because of this, only animals perfect by Grove's standards are ever sold.

In his operation, Grove keeps the calving cycle at 90 to 100 days. All the calves are weaned at once and grouped into bulls, steers, and heifers. They are also weighed at seven months and fed alike to 12 months when they are weighed again and compared. He gives them parainfluenza shots two weeks prior to weaning and worms them at about one month after weaning. The flu shots keep them from getting colds and pneumonia during weaning and when they change to new rations of food.

A cattle judge as well as Angus breeder, Grove has some definite opinions on the type of animal he feels breeders should be turning out.

"We're in the meat business," he says, "so I'd like to furnish bulls that improve cattle which go into the feedlot." He has in mind heavy muscled animals that are fast gainers, but most important, efficient in the feedlot.

To be able to breed animals like this, he employs several of the latest techniques available to him. In conjunction with the University of Maryland, he has his bulls checked with a sonaray, a type of X-ray technique that measures the back fat, marbling, and size of the rib eye in his bulls. He does this on five or six bulls he plans to keep.

And, at present, he is in the process of getting the pin point system, an electronic, computerized system for checking the bulls' conversion of feed to weight gain, or feeding efficiency. With this system, each bull wears a special tag that registers his number as he goes to each, and as he leaves the feeder, the amount of feed consumed each time is recorded and tallied. At the end of a certain period, this feed consumption can be checked against weight gain to come up with the animal's feeding efficiency.

He has sold his top bulls as far south as Florida; as far west as Montana; and has purchased bulls from the Dakotas and Montana.

And, because of his good breeding, he has come up with winners at the Pennsylvania Farm Show nearly every year since he started. This year's Farm Show is still unwritten history, so only time will tell how the judges will rate the 11 animals from Soleil Farms

In the language of flowers a red chrysanthemum means "I love."

Organ concert slated

KENNETT SQUARE, Pa. - Longwood Gardens, near here, will welcome the New Year on January 12, at 8:30 p.m., with a performance by Dr. Clarence Snyder of Johann Sebastian Bach's Three Choral Preludes for the New Year. Dr. Snyder is staff organist at Longwood Gardens and organist and choirmaster at Christ Church, Greenville, Delaware. The performance will be given in the ballroom off the conservatories at Longwood Gardens. Tickets will be available at the door on the evening of the performance for $1.00 and will include admission to the conservatories for one hour before and after the performance so that concert-goers may enjoy the winter floral displays.

Conrad Grove, manager of Soleil Farms, checks weight records.

The organ at Longwood Gardens is considered to be one of the most complete in the country. Weighing approximately 45 tons, it is housed in a chamber 63 feet wide, 23 feet deep and 40 high. No two pipes in the organ are identical. Some are made of wood and some of metal. The diameters of the pipes differ, as do the lengths; the higher the pitch the shorter the pipe, the lower the pitch the longer the pipe. The organ was installed by Longwood's founder, the late Pierre S du Pont, in 1929 and rebuilt in 1957.

Cyclamen, primroses, spring bulbs and acacias will provide winter color in the January conservatory display on view before and after the organ concert. As always, the orchid and tropical foliage plants will be looking their best in the smaller glass houses. Longwood Gardens is open every day of the year, the grounds from 9:00 a.m. to 5:00 p.m. (6:00 p.m. in summer) and the conservatories from 10:00 a.m. to 5:00 p.m. Admission is $2.00 for adults and $1.00 for children six through fourteen. Children five and under are admitted free.

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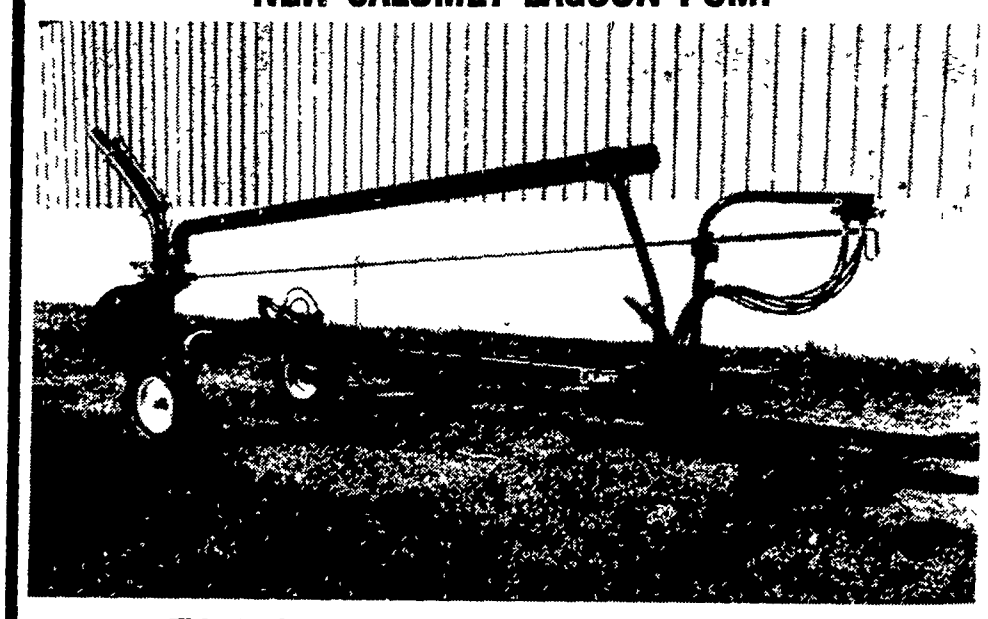

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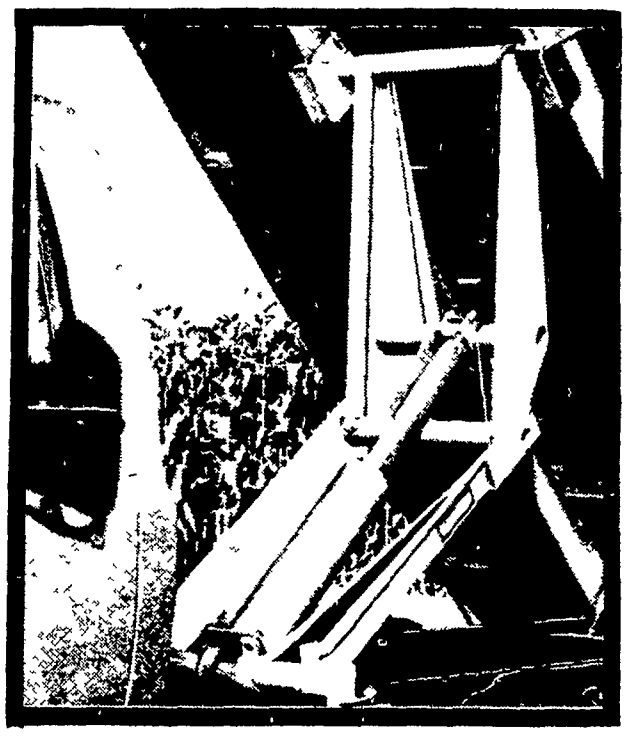

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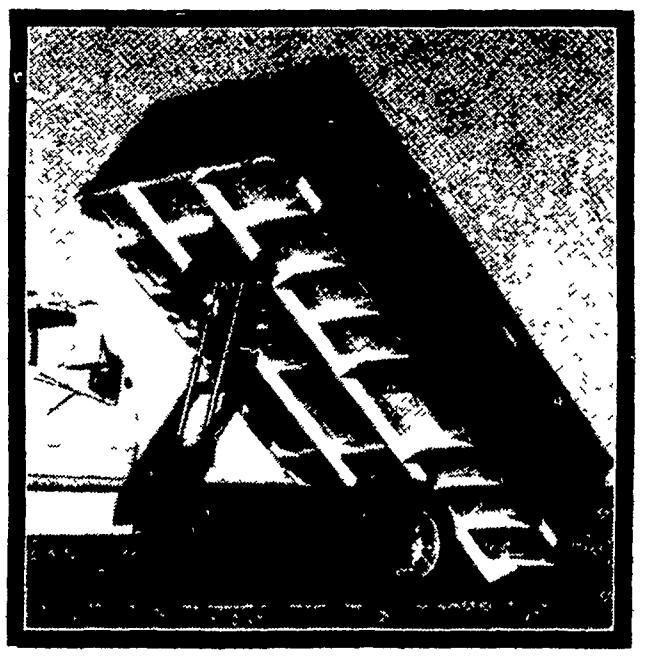

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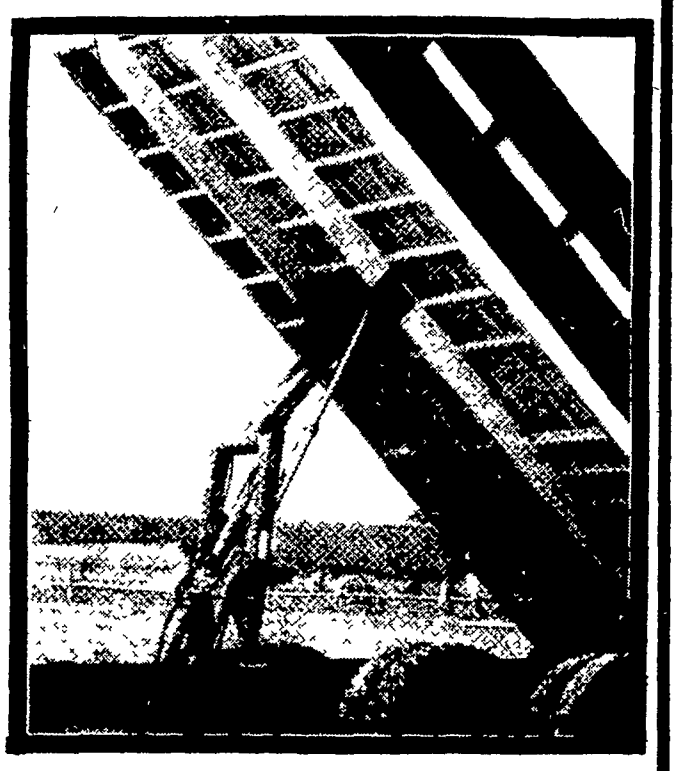

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DAILY SCHEDULE

Sunday Afternoon, January 9

12:00—Judging Carcass Lambs—Small Arena.
1:00—Judging Dorset—Small Arena.
2:00—Judging Hampshire—Small Arena.
3:00—Judging Suffolk—Small Arena.

Monday Morning, January 10

8:00—Judging starts in all Departments, except where specified hours are indicated.
8:00—Judging Shropshire—Small Arena.
8:00—Judging Ayrshires, including Junior Dairy Classes—Large Arena.
8.00—Judging Guernseys, including Junior Dairy Classes—Large Arena
8:00—Judging Chester Whites—Small Arena.
8:00-5:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
8:30—Christmas Tree Growers Association Meeting, Sheraton Motor Inn.
8:30—Future Farmers of America Executive Council Meeting, Room 321, Education Building.
9:00—Judging Poland Chinas—Small Arena.
9:00—Judging Belgians—Large Arena.
9:00—Judging Cheviot—Small Arena.
9.00—Wool Show—Small Arena.
9:30-5:00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena.
10:00—Society of Farm Women, Annual Convention, The Forum Education Building.
10:00—Judging Southdown—Small Arena.
10:00—Judging Duroc—Small Arena
11:00—Judging Corriedale Swine—Small Arena.

Monday Afternoon, January 10

12 30—Judging Berkshires—Small Arena
1.00—Judging Clydesdale—Large Arena.
1:00—Judging Rambouillet Sheep—Small Arena.
1:00—Master Corn Growers, Meeting Room 103, Agriculture Building.
1:30—Future Homemakers of America Executive Council Meeting, Nationwide Inn.
1 30—Society of Farm Women reconvenes, The Forum, Education Building.
1.30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building.
1.30—Judging Yorkshires—Small Arena.
1:30—Christmas Tree Growers Association reconvenes, Sheraton Motor Inn
1 30—Raw Milk Producer-Distributors Association Meeting, Office No. 2, Large Arena, Second Concourse.
2:00—Judging Merino—Small Arena.
2:00—Berkshire Breeders Association Meeting, Room B, Main Show Building.
2:30—Judging Spotted Swine—Small Arena.
3:30—Judging Landrace—Small Arena.
Ayrshire Breeders Association Meeting, Room E, Main Show Building 1 hour after judging is over.
4:00—Penn-Mar Shropshire Breeders Club, Room C, Main Show Building.

Monday Evening, January 10

6:00—Society of Farm Women, Penn-Harris Motor Inn, Camp Hill.
6:30—Christmas Tree Growers Association Banquet, Sheraton Motor Inn.
7:00—Cooperative Swine Breeders Association Meeting, Room B, Main Show Building.
7:30—Secretary of Agriculture's Night—Large Arena.
9:00—Farm Show Building closes.

Tuesday Morning, January 11

8.00—Judging Vocational Swine Classes, all breeds—Small Arena.
8:00—Judging Holsteins, including Junior Dairy Classes—Large Arena.
8:00—Judging Milking Shorthorn, including Junior Dairy Classes—Large Arena.
8:00-5:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
8:30—Future Farmers of America, Executive Council reconvenes, Room 321, Education Building.
9:00—Judging Percherons—Large Arena.
9:00—Future Homemakers of America, Executive Council Meeting, Nationwide Inn.
9:00—Christmas Tree Growers Association reconvenes, Sheraton Motor Inn.
9:30—Society of Farm Women Meeting, Room B, Main Show Building.
9:30-5:00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena.
10:00—Guernsey Breeders Association Meeting and noon Banquet, Schindler's Restaurant 451 N. 21st St., Camp Hill.
10:00—Hampshire Swine Sale—Small Arena.
11:30—Landrace Swine Sale—Small Arena.
12:00—PA Rural Electric, Penn-Harris Motor Inn, Camp Hill.

Tuesday Afternoon, January 11

1:00—Yorkshire Swine Sale—Small Arena.
1:00—Judging Grade Horses—Large Arena.
1:30—Future Homemakers of America Executive Council reconvenes, Nationwide Inn.
1:30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building.
2:00—Sheep and Wool Growers Co-operative Association Meeting, Room B, Main Show Building.
2:00—PA Angus Assn., Meeting Room 103, Agriculture Building.
2:30—Spotted Swine Sale—Small Arena.
3:00—Yorkshire Cooperative Assn., Meeting Room D, Main Show Building.

FARM SHO

Tuesday Evening, January 11

6:15—FFA Band Concert—Large Arena.
6:30—Dairymen's Association, Annual Banquet, Penn-Harris Motor Inn.
7:30—Folk Dance Festival and Contest—Large Arena
8:00—Horse and Mule Association Meeting, Room D, Main Show Building.
9:00—Farm Show Building closes.

Wednesday Morning, January 12

8:00—Judging Brown Swiss, including Junior Dairy Classes—Large Arena.
8:00—Judging Jerseys, including Junior Dairy Classes—Large Arena.
8:00-5:30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building.
8:30—Future Farmers of America Executive Council reconvenes, Room 321, Education Building.
9:00—Judging Angus—Large Arena.
9:00—Judging Herefords—Large Arena.
9:30—Future Homemakers of America Annual Winter Meeting, The Forum, Education Building.
9:30-5:00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena.
10:00—PA Crop Improvement Assn., Meeting Room B, Main Show Building.
10:00—Poland China Swine Sale—Small Arena.
10:30—Judging Charolais—Large Arena.
11:30—Chester White Swine Sale—Small Arena.

Wednesday Afternoon, January 12

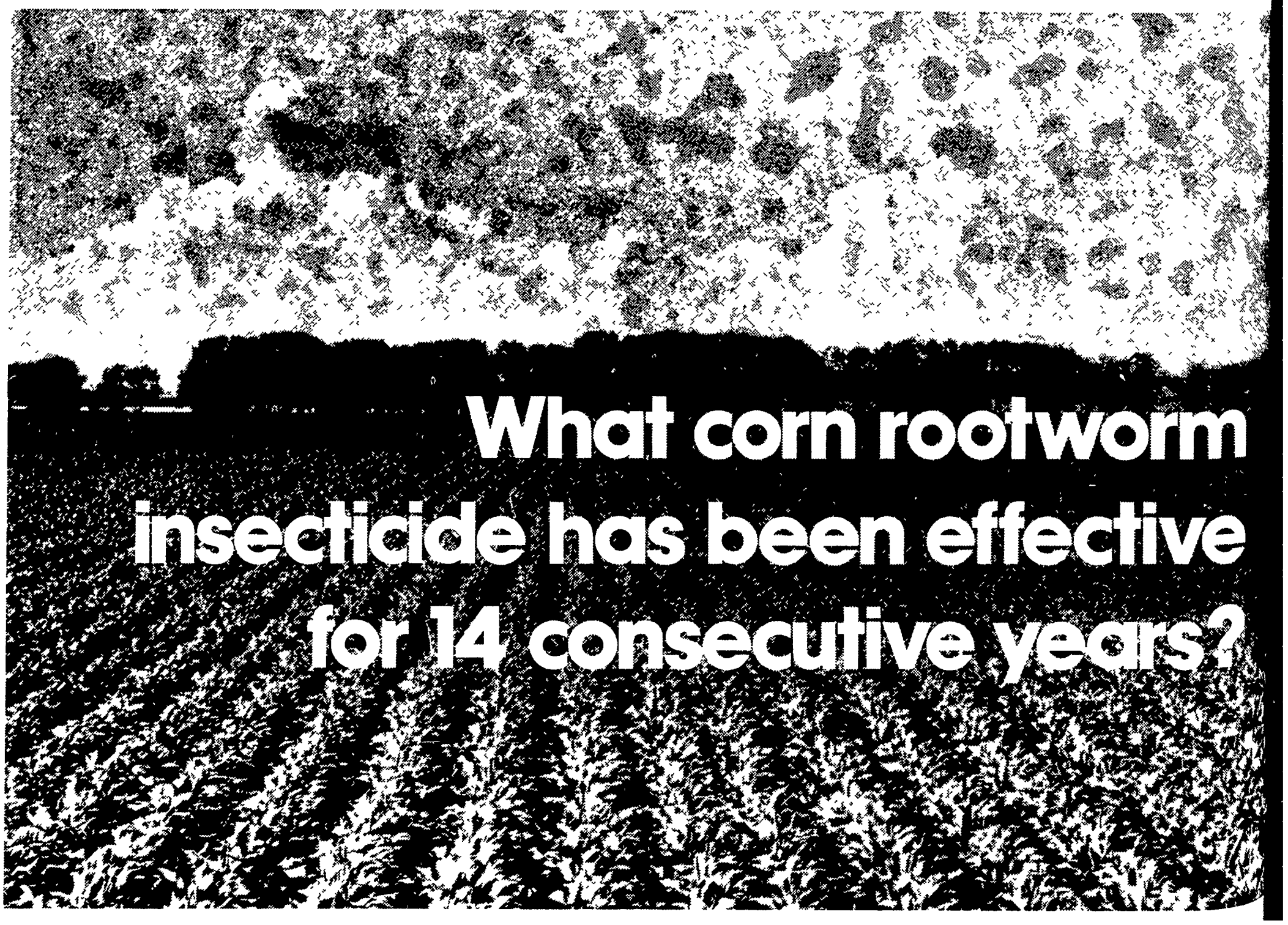
12:30—Judging Shorthorn—Large Arena.
12:30—Judging Polled Herefords—Large Arena.
12:30—Future Farmers of America Awards Convention, The Forum, Educational Building.
1:00—Berkshire Swine Sale—Small Arena.
2:30—Duroc Swine Sale—Small Arena.
2:30—Chester White Swine Breeders Assn, Meeting Room D, Main Show Building.

Wednesday Evening, January 12

4:30—Lightweight Horse Pulling Contest; Six-Horse Hitch Demonstration; Heavyweight Horse Pulling Contest—Large Arena.
6.00—State Lottery Drawing, Main Lobby.
7:00—Cooperative Swine Breeders Association Executive Committee Meeting, Room C, Main Show Building.
9:00—Farm Show Building closes.

Thursday Morning, January 13

8 00-11 30—Vocational Demonstration Contests, Room A (Auditorium), Main Show Building



SCHEDULE

8 30—Judging Junior Breeding Sheep—Small Arena
9 00—Judging Junior Beef Breeding Cattle—Large Arena
9 00—Junior Market Swine Show—Small Arena
9 00-12.00—4-H Club Potato and Identification Grading Contest, Room 103, Agriculture Building.
9 30 5 00—Future Homemakers of America homemaking demonstrations. Department of Education Booth. Upper Concourse. Large Arena
10 00—Nut Growers Association Meeting. Office No. 2. Large Arena. Second Concourse
10 00—Judging Junior Beef Steer Classes—Large Arena.
10 00—Judging Junior Market Lambs—Small Arena.

Thursday Afternoon, January 13

1 00—Maple Producers Council Meeting. Room 309. Department of Agriculture Building
1 00—Junior Lamb Fitting and Showmanship Contests—Small Arena.
1 30—Nut Growers Association reconvenes. Office No. 2. Large Arena. Second Concourse
1 45—Judging Junior Beef Steer Grand Champion—Large Arena.
2 00—Judging Junior Beef Steer Trios—Large Arena.
3 00—Junior Sheep Blocking and Grooming Contest—Small Arena.
4 30—4-H and FFA Tractor Driving Contests—Large Arena

Thursday Evening, January 13

7 00—Livestock Cavalcade; 4-H Club Horse and Pony Demonstration—Large Arena.
9 00—Farm Show Building closes.

Friday Morning, January 14

8 30—Junior Showmanship Contest—Large Arena.
9 30-1 00—Future Homemakers of America homemaking demonstrations, Department of Education Booth, Upper Concourse, Large Arena
11 00—Junior Market Swine Sale—Small Arena.

Friday Afternoon, January 14

1 00—Sale of Junior Market Lamb—Small Arena.
2 00—Sale of Junior Steer—Small Arena.
4 00—Farm Show closes.

HOME ECONOMICS EXHIBITS (feed, clothing, and home related arts) are located on the lower concourse of the Large Arena, Cameron Street side.

VOCATIONAL AGRICULTURE AND HOMEMAKING PROGRAM

Vocational Demonstration Contests, (Agriculture and Homemaking), held in Room A (Auditorium), Second Floor, Main Show Building

Future Farmers of America agricultural exhibits, Department of Education Booth Upper Concourse, Large Arena.

Future Homemakers of America Homemaking demonstrations held in the Department of Education Booth, Upper Concourse Large Arena.

Vocational and Junior Livestock Judging Schedules, see center pages.

Monday, January 10

8 00-5 30—Vocational Demonstration Contests.
8 30—Future Farmers of America Executive Council Meeting, Room 321, Education Building
9 30-5 00—Future Homemakers of America homemaking demonstrations
1 00—Future Homemakers of America Executive Council Meeting, Nationwide Inn.
1 00—Master Corn Growers Assn., Room 103, Agriculture Building.
1 30—Future Farmers of America Executive Council reconvenes

Tuesday, January 11

8 00-5 30—Vocational Demonstration Contests
8 30—Future Farmers of America Executive Council Meeting. Room 321. Education Building
9 00—Future Homemakers of America Executive Council Meeting. Nationwide Inn
9 30-5 00—Future Homemakers of America homemaking demonstrations
1 00—Future Homemakers of America Executive Council reconvenes
1 30—Future Farmers of America Executive Council reconvenes
6 15—Future Farmers of America Band Concert—Large Arena

Wednesday, January 12

8 00-5 30—Vocational Demonstration Contests
1 30—Future Farmers of America Executive Council reconvenes
9 30-5 00—Future Homemakers of America homemaking demonstrations
9:30—Future Homemakers of America Annual Winter Meeting. The Forum, Education Building
12:30—Future Farmers of America Awards Convention, The Forum, Education Building.

Thursday, January 13

8:00-11:30—Vocational Demonstration Contests.
9.30-5:00—Future Homemakers of America homemaking demonstrations.
4:30—FFA Tractor Driving Contest—Large Arena.

Friday, January 14

9:30-1:00—Future Homemakers of America homemaking demonstrations.

4-H CLUB PROGRAM

4-H Club Headquarters, Room 107, Lower Concourse, West Side, Large Arena Building

Thursday, January 13

9:00-12:00—Potato Grading and Identification Contest, Room 103, Agriculture Building.
4:30—4-H Tractor Driving Contest—Large Arena.
8:00 p.m.—Horse and Pony Demonstration—Large Arena.

EVENING FEATURES LARGE ARENA

Monday Evening—7:30

SECRETARY OF AGRICULTURE'S NIGHT

Presiding: Arthur M. Sherman
Special Assistant to the Secretary

Greetings: Honorable Raymond J. Kerstetter
Secretary of Agriculture
Chairman, Farm Show Commission

Herrmann Royal Lipizzan Stallions

Tuesday Evening

MASTER FARMERS' NIGHT

6:15—Future Farmers of America Band Concert
Dr. Ned C. Diehl, Director
The Pennsylvania State University

7:30—Folk Dance Festival and Contest
Joseph R. Cardenuto, Director
The Pennsylvania State University

Groups participating:
Division A—Under 17 years of age.
Division B—Between 15 and 25 years of age.
Division C—Any age or combination of ages.

Wednesday Evening—4:30

Lightweight Horse Pulling Contest
Six-Horse Hitch Demonstration
Heavyweight Horse Pulling Contest

Thursday Evening—7:00

Livestock Cavalcade
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She's prepared for Farm Show for six weeks

By JOANNE SPAHR

DOWNINGTOWN, Pa. - "I hate to admit it, but I love these cows," says Mildred Seeds, the owner of Top-O-Hill Farm, Downingtown, about her herd of 24 registered Jerseys. However, she really wouldn't have to say it because it's obvious - in every way possible.

The first hint a visitor gets is the set up of her barn and the way she runs it. To begin with, it's a compact, homey barn which she designed with the help of her father. For this reason, it's very efficient for her specific needs, but most of all, it has the feel of being created with pets in mind, rather than being large and impersonal like other big dairies.

Yet, perhaps the most striking thing about it is not the layout, but rather, the extreme cleanliness. The animals live in fresh stalls that are cleaned out faithfully every day.

"I think it's just as easy to be clean as to be dirty," says the show woman matter-of-factly.

And, show woman she is. The name of Mildred Seeds is well known around the Pennsylvania fair circuit as well as some places out of state. For one small example of all the titles she has taken, this year one animal, Star's Advancer Spot, was grand champion at the Reading, Goshen, and Carlisle fairs, while taking the reserve grand champion honors at Allentown, Gratz, Bloomsburg, and Unionville. Another animal, "Two Penny" was the grand champion at the Gratz, Bloomsburg, and Unionville Fairs and took reserve grand champion honors at the York Interstate Fair.

Miss Seeds has also shown at the Maryland State Fair and the Pa. Farm Show.

Her first year at Harrisburg was in 1958. She was a "greenhorn" then, as she refers to herself, and had a week she remembers to this day.

That year, she was showing as a 4-H'er and her cow was second in its class. However, the judge thought the two top animals in that class were so powerful that he decided to judge Miss Seeds' animal for junior champion. Unfortunately, since this was Miss Seeds first year at the Farm Show, she didn't know that a showman had to go back in the ring to be judged for the championship titles.

So, the judge paged her, but it took her so long to get through the crowd that the gate to the arena was closed. And, when she arrived, the cow ahead of her in her class was being picked as junior champion, and did, in fact, go on to become the grand champion of the show.

Needless to say, Miss Seeds learned her lesson with that experience, and her showing know-how has come a long way since then. Her first grand champion came in 1960 with an animal she called "Sparkle."

When she earned this title, she also became the center of attention for a while when it became known that she had purchased the animal only two years previous for $45.

Miss Seeds had raised Sparkle in the Spring and at

Mildred Seeds feeds her future show winners.

that time the animal had hair on her that was about two inches long.

"She was an awful looking thing," says Mildred's mother, Mrs. Seeds. But, Mildred brought her home and knew what to do with her, and in two years made Sparkle the grand champion Jersey at the Farm Show.

"I'll never forget that time," says Mildred, recalling past emotions. I started crying the minute they handed me that rosette," she concludes.

She's had other wins at the Farm Show which better that first year in ratings, if not in emotional excitement.

1966 was the best year Miss Seeds thinks she has had at Harrisburg. That was the year she had grand champion cow and grand champion bull at the Farm Show. What she's really proud of is that the award winners were mother and son and that they both came from "Rosalie" her original 4-H heifer, the first cow she'd taken to Farm Show, and the foundation of her herd.

It was the offspring from this cow that earned her the title of All American Jersey Produce in the United States in 1966. And, because of Rosalie's blood, Miss Seeds had the highest Jersey type average in the state in the last four years that there's been a classification in the state. 1976 was Top-O-Hill's best year - that year Miss Seeds' herd averaged 87.2. At Rosalie's first classification, she was classed Excellent with 11,661 pounds of milk and 643 pounds of fat, actual.

Thanks to good bloodlines, and good breeding, Miss Seeds now has one Excellent, 10 Good, and two Desirable cows in her barn.

"I've also got some celebrities out there," she laughs.

One animal was the first cow and last cow to ever be in a display at the Philadelphia Flower Show. This all came about because of Miss Seeds showings at Farm Show.

In 1971 while she was attending Harrisburg in January, she was approached by someone who needed a Jersey cow to finish off his exhibit at the Philadelphia Flower Show. Being an incurable showman at heart, Miss Seeds agreed to use one of her cows, and because of this, found herself living inside a little barn at the Philadelphia Flower Show for 10 days.

"That was a great experience," she says with her eyes sparkling. In her 10 days she had many unforgetable experiences happen to her.

For instance, one time a woman was so distraught that she'd missed Miss Seeds milking her cow, that one of Miss Seeds' helpers said he'd have the cow drink the milk, so she could be milked again.

"And, would you believe, that woman believed you could do that, and got all excited?" Miss Seeds laughs incredulously.

She says this sort of thing is typical. Some of the remarks she gets at Farm Show are anything fro

(Continued on Page 24)

case

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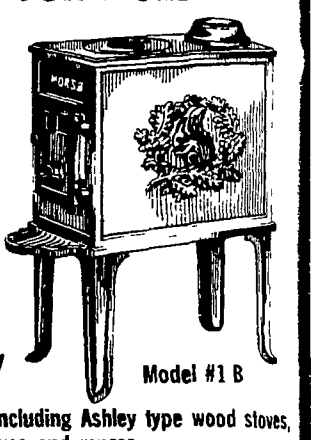

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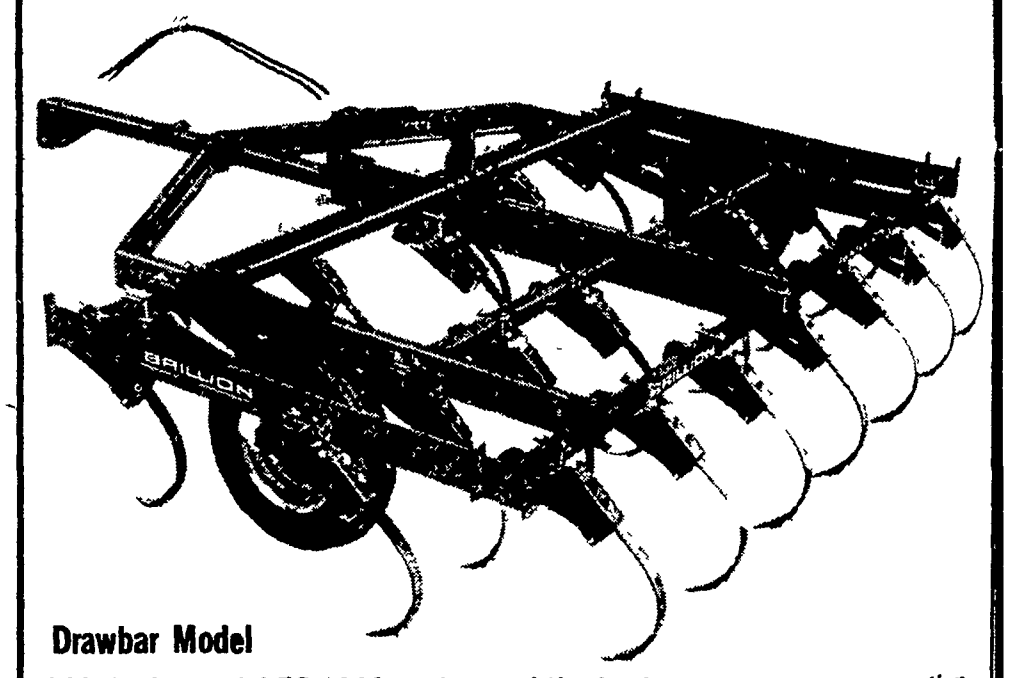

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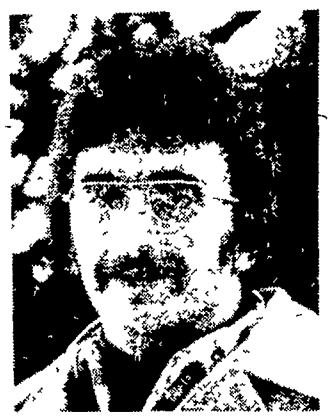

John Brubaker

Ivan Charles

Representatives named

LANCASTER - Two farmers have been named to represent the new Slurry Gun liquid manure pump being introduced into southeastern Pennsylvania. Ivan Charles, Lancaster, R2, and John Brubaker, Christiana, are already in the field doing the planning work for a demonstration day to be held at the Charles and Nelson Habecker farm, Lancaster, R2. Their special emphasis will be on solving problems in present liquid manure systems and helping to lay out new systems. Shenk Farm Equipment, Lititz, is serving as the installation company.

Charles, a poultry farmer with a small farm grain drying operation, also serves as a field representative for Advanced Ag, Inc., Demott, Ind., a tillage and soil management organization working at the farm level. Brubaker is a dairy farmer with his father and has his own lime and fertilizer business.

Hoechst grows

SOMERVILLE, N.J. - James Dunn has been given additional responsibilities as head of a recently formed field marketing organization for American Hoechst Corporation's Agricultural Chemicals Department.

"We already have under development several new products for the control of weeds that plague crops in the United States," said Dunn, who is also manager of market planning and market research in the Agricultural Chemicals Department.

One product currently in field tests is Hoelon, formerly known as HOE 23408, a postemergence herbicide for use in controlling wild oats and other annual grass weeds in spring seeded wheat and barley. Cooperating farmers are using the herbicide under an Environmental Protection Agency experimental permit as the company gathers data to obtain final registration.

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Farm tax reminder

The final filing date for IRS on farm income is generally considered to be March 1st. If an Estimated Income Declaration was filed by January 17th, then April 15th is the 1976 tax date.

An important local date deals with the Farm Tax Meeting scheduled for January 20th, 9:30 A.M. to 3:30 P.M. at the Trexlertown Grange Hall of Rt. 222, one mile west of Wescosville. The program for farmers and tax practioners has been planned by the Farm Management Section of Penn State University and the Lehigh County Cooperative Extension Extension Service.

Reservation forms and program flyers are available at the area county Cooperative Extension Service Offices.

American property law nearly unique

The right to own property privately, land and buildings, without government interference, was given to early settlers by Congress even before the U. S. Constitution was written.

Around the world, only the United States, Canada and Australia still protect the "nearly unique" right of individuals to own property without government control while most other nations proclaim that the state has the right to determine land use and not the citizen.

The U.S. has about 77 6 million housing units; the median home is 22 years old and has five rooms; one-fourth of them were built in the last 10 years.

Of the total, nearly 52 million are single family units; the rest are apartments, mobile homes and trailers. About 65 per cent of American families own their home.

The sales of existing single-family homes in 1976 will be an all-time record, with more than 3,330,000 units valued at $142 billion being sold, about 20 per cent more than last year.

The median price of an existing single-family home is about $40,000.

About 1,500,000 new single-family homes will be built in 1976, with the median price being above $46,000. The single-family sector is about 37 per cent ahead of the rate a year ago.

She's prepared

[Continued from Page 22]

"Oh, look, they have their pajamas on", when she has them blanketed, to "Look at those bulls". Miss Seeds doesn't poll her cows, and for this reason many people mistake them for bulls.

"Personally, I think the horns make Jersey cows," says the experienced showman.

There are many other qualities that "make" Miss Seeds' Jerseys. One of the biggest is the length of time she prepares them for Farm Show. She says as soon as she knows she's accepted up there, she gets to work on them. The first thing she'll do is blanket them, which brings out a natural sheen and velvetiness on their coats, and she'll be clipping and working on coats for about six weeks before Farm Show arrives. And, one of the keys to Miss Seeds' good looking animals are that she works year round at keeping them and their stalls clean.

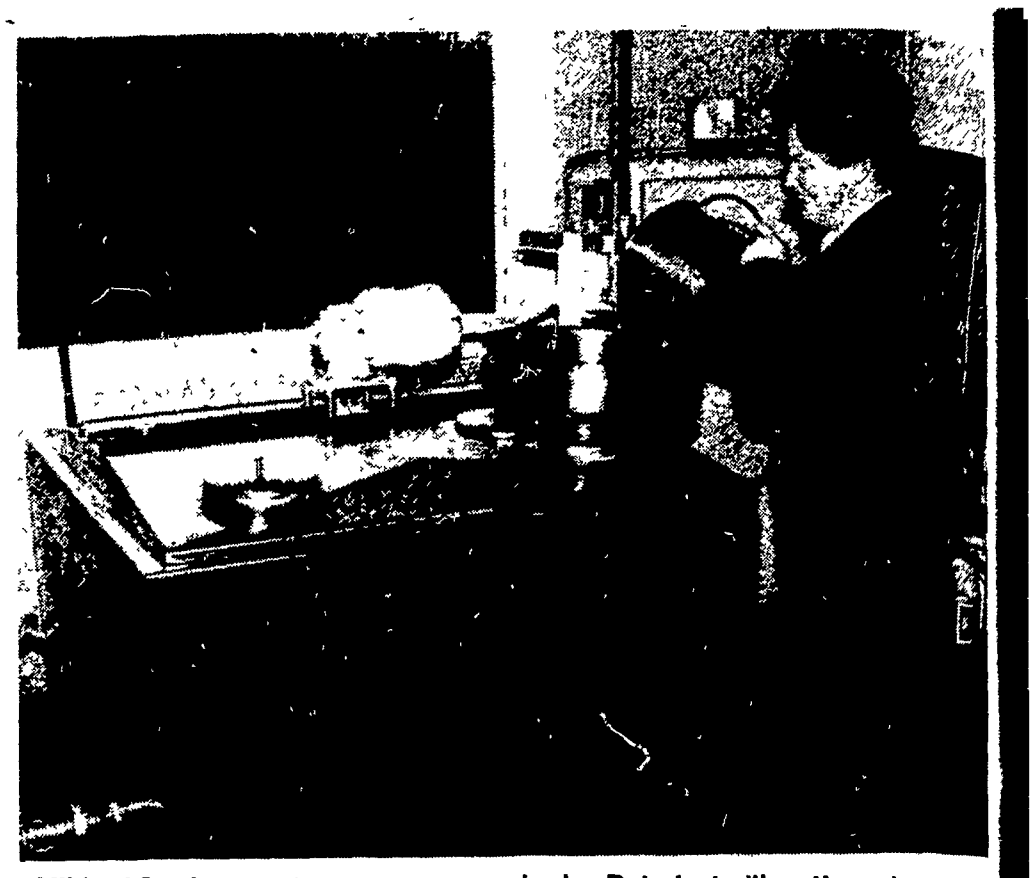
"If people let them get dirty and then try to take the clumps of manure off just before Farm Show," she explains," the animals look like they have chicken pox because hair is pulled off as well as the dirt."

You'll rarely see this type of flaw on Miss Seeds' animals - if ever - and for this reason, she has taken top awards at Farm Show, such as premier breeder-exhibitor in 1973 and 1974 and premier breeder in 1975.

To her, taking the premier breeder is the most important title to win, because like any breeder spoken to, she feels it's most important to win something that proves you have the ability to develop a great herd.

"I have one gripe, though" states Miss Seeds, matter-of-factly. "It bothers me when people say show cows don't milk well," she says.

For years she's been trying to break that falicy, and thinks she did it in 1966 when her herd had a production record of 628 pounds of butterfat and 11,479 pounds of milk. For her, this meant that she had the first regular Jersey herd in Pennsylvania to make over 600 pounds of butterfat. And, she was second in Chester County for milk production - a Holstein dairymen beat her.



Mildred Seeds says she gets teased all the time about the size of her milk tank. But just like the story of Goldilocks, it's "just her size."

"If we can't breed for both milk and type, we'd better quit," is Miss Seeds' decisive comment on this subject.

This year, Miss Seeds will be taking six Jerseys to the Farm Show. She has high hopes of winning a few titles, but only time will tell. But, if you want to look for her and her herd of "bulls," she can be found nearly anytime wherever the Jerseys are located.

Price Index up by 2

HARRISBURG - The December 15, 1976 Index of Prices Received by Pennsylvania Farmers increased two per cent from the previous month and was the same as a year earlier, according to the Crop Reporting Service.

Higher prices for most livestock items more than offset slightly lower prices for apples, milk and wheat. The purchasing power of prices received in December was one percentage point above November, but five percentage points below December 1975.

Nationally, the Index of Prices Received increased three per cent from November, but was four per cent below a year ago.

Contributing most to the increase since mid-November were higher prices for hogs, corn, soybeans, cattle and eggs. Lower prices for oranges, milk, wheat and commercial vegetables were partially offsetting. The purchasing power at the U.S. level was two percentage points above November, but nine percentage points below a year ago.

Corn & bean clinic slated for Feb.

Dealers of corn and soybean seeds and supplies and marketing, are urging producers of the two field crops to schedule the Southeast Pennsylvania Corn and Soybean Clinic on February 1 and 2.

The program flyer gives a full program schedule and are available at the business places in the area.

Producers will have an opportunity to attend the trade show of 30 exhibitors being held in conjunction with the educational program sponsored by the Southeast Pennsylvania Extension Services.

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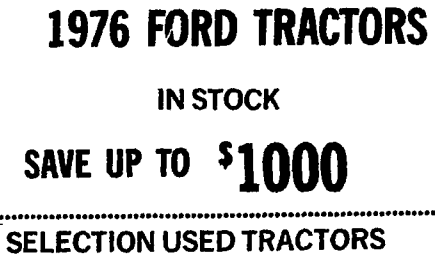

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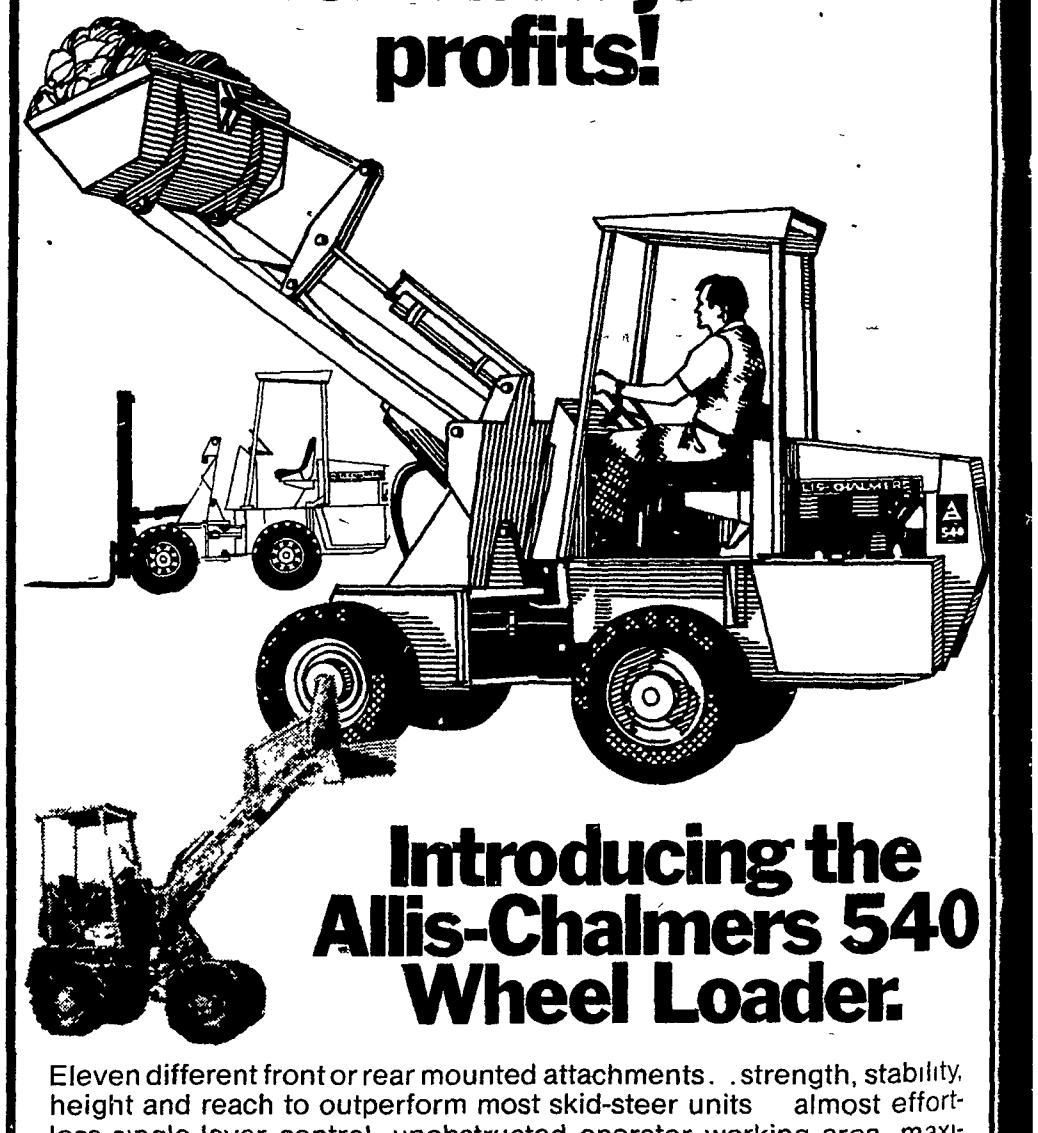

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Farm Show fan is also Hampshire exhibitor

By JUDY MITCHELL
Berks Co. Reporter

KUTZTOWN, Pa. - According to Earl Rabenold of Kutztown R2, he and his family had been attending the Pennsylvania Farm Show for years before they actually got involved in showing at the state event. An avid Farm Show fan, Rabenold says, "well, you just have to get up there and see it" to appreciate what an event it is.

The Rabenolds first began showing livestock at the Harrisburg show in 1958 when their son Richard was in FFA, and for years after it became an annual family project. The Rabenolds run a dairy and a swine operation, and Rabenold has traditionally shown his Hampshires at Farm Show. He and his wife's sons, Richard and Carl, also showed swine; but the boys and their sisters, Shirley and Carol, all of whom were members of the Berks 4-H Baby Beef Club, showed steer as well.

His daughters, Rabenold explained, only showed steers because in those days there were no girls in FFA and only youth in the FFA were permitted to show swine at Farm Show. But of course the rules have changed now, he added, to permit 4-H members to show swine also.

Although the Rabenold "children" are all grown and married and between them have 10 children of their own, Rabenold is still involved with the Berks 4-H Baby Beef group. In fact, he is presently serving as president of the club's parents' committee and was recently recognized by the organization for 21 years of faithful service to the club.

Although he missed exhibiting at Farm Show the past couple of years due to "breeding problems," he will be back for the 1977 Show with six of his Hampshires. As president of the Pa. Hampshire Association, Rabenold, who is also president of the Berks-Lehigh Pork Producers, feels it is important to participate in the state show. Although the numbers of swine at the show are still strong, he says, "not all breeds are meeting their quotas" and the Hampshire is one of them. Only 18 Hampshires, he reports, were entered this year against the 40 available slots.

The job of feeding and milking their dairy herd makes it impossible for the Rabenolds to stay with their animals through Farm Show Week, but delivery, grooming and showing them will require at least four trips to Harrisburg. Catherine recalled that when the children were involved in 4-H, "some years they went every day."

Weather conditions as they affect travel are a consideration for most Berks countians attending Farm Show, but particularly, as Rabenold says, "when you have animals there." Although he is hoping for clear weather this year, his son Carl who will be going up to groom the swine on Sunday, suggested he might not mind getting snowed in.

The Rabenolds recollect that weather conditions have not always been ideal for Farm Shows in the past. Carl remembers clearly one year, when he was quite young, when the highway near Harrisburg was drifted so high on the westbound lane that the only way to get through to the show was to cross into the eastbound lane. "But that was before the medians were put in," he hastily added. As for Rabenold, the most memorable year weather-wise was the time "we got five miles more (as registered by his car's odometer) from the wheels spinning. It was that slick."

The highest award Rabenold has taken at Farm Show to date was a reserve champion. Although he's pleased with the swine he is entering this year, participating seems to be the important thing for the Rabenolds. "You meet a lot of other exhibitors," Catherine explained, "and it's like a whole big family." Her husband agrees recalling a couple from Bedford they made friends with some years ago, and "at Farm Show," he adds, "that's the only time we see them."

Earl Rabenold and his son Carl (left) look over summaries of this year's competition in the Hampshire breed (swine) event to be held at the upcoming Pa. Farm Show.

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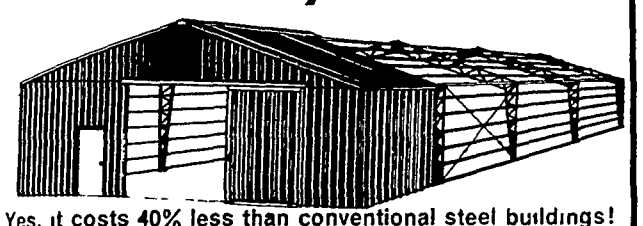

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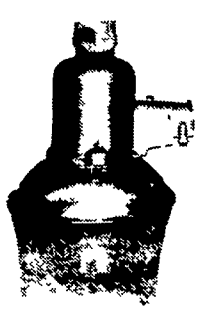

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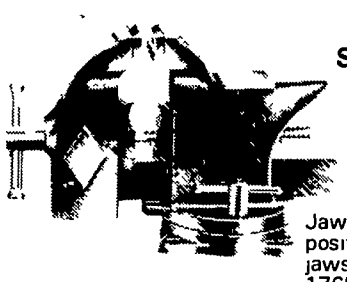

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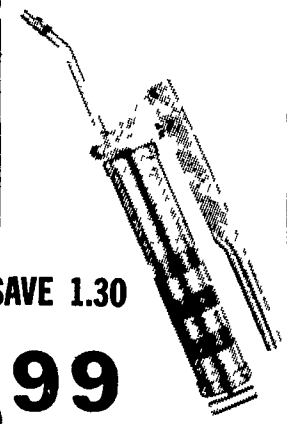

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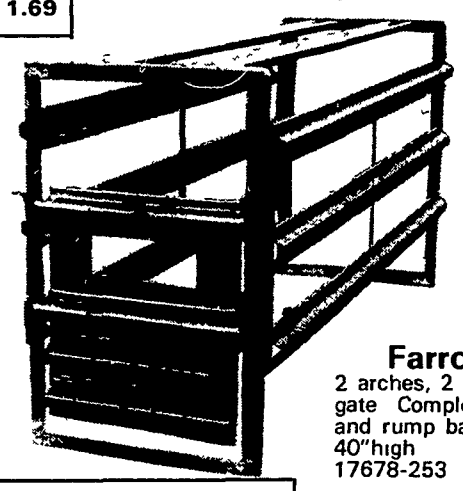

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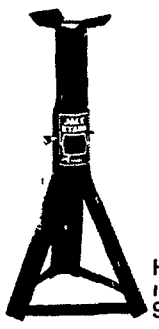

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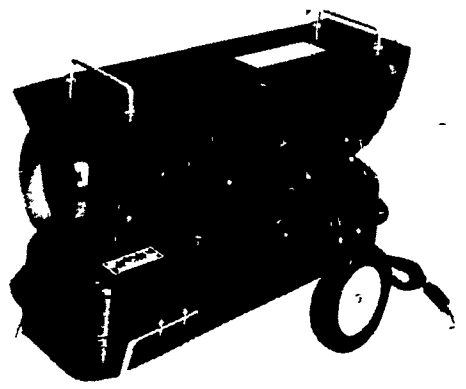

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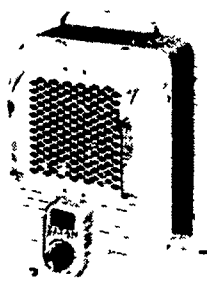

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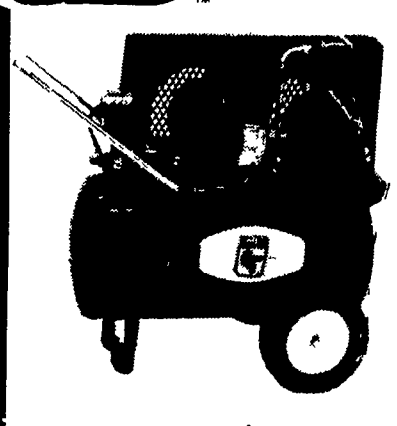

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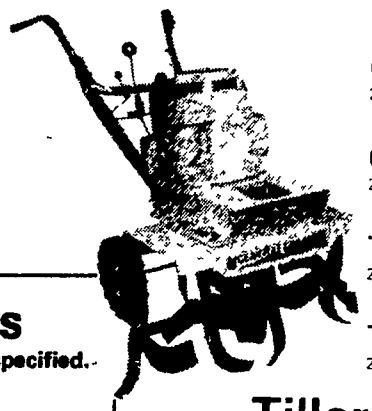

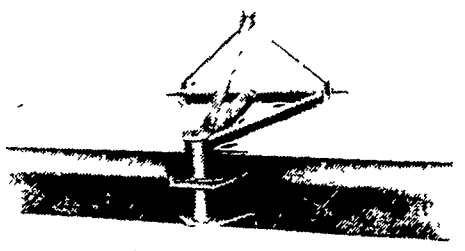

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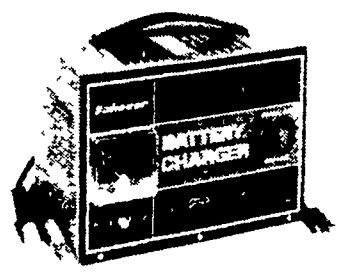

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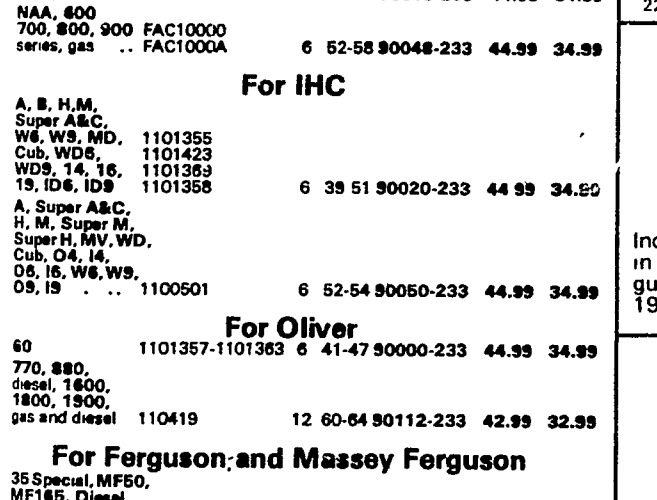

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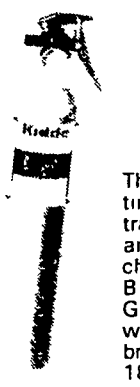

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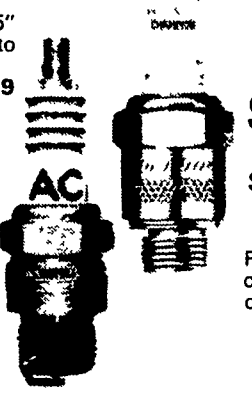

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Lebanon County family typifies FFA honorary parent award winners

By JOANNE SPAHR

ANNVILLE, Pa. - Victor Bomgardner and his wife from Annville R3, are one of nine sets of parents in the Eastern Region of Pennsylvania to receive the Future Farmers of America Honorary Parent award. He and his family are typical of all eight others in philosophy and operation, to a certain degree.

Bomgardner and his three Keystone Degree winning sons, Charles, Carl, and Jay, work together on their 297 acres of farmland and rent 118 more acres. Their operation consists of 110 dairy cattle and about 45 - 46 head of Hampshire sows and gilts. For crops they grow corn and alfalfa. And, starting the first of this year they went into business together although they'd been working together prior to this.

Bomgardner attributes the family farm with giving all three of his sons the encouragement to become Keystone Farmers.

"My wife and I and the boys all worked together," he says. "We started them off in 4-H, which helped them want to be farmers, so FFA just came along naturally." And, of course, Mr. and Mrs. Bomgardner have given them encouragement and a place to start business, which really added to the boys' interest.

Many of the other honorary parents spoken to by Lancaster Farming expressed the same sentiments. They said that unless the parents take interest in the children and show the positive aspects of farming, the younger members of the family just won't want to enter into the business.

One other parent mentioned that the FFA helps the members to learn to speak in front of others and teaches them leadership ability. This is certainly the case for Jay Bomgardner, the family's 1977 Keystone Farmer, since he is president of his county organization.

For more information on the Keystone Farmers and the honorary parents, refer to separate articles on each in this week's issue of Lancaster Farming.

Victor Bomgardner and his sons Charles, Carl, and Jay look over their Hampshires at this year's Lebanon County Fall 4-H Livestock Roundup held earlier this year.

Hog inventory largest since '55

HARRISBURG, Pa. - Pennsylvania's hog farms had a December 1, 1976 inventory of 700,000 hogs and pigs according to the Pennsylvania Crop Reporting Service. The December 1 inventory is the largest for the date since 1955.

The 700,000 hogs and pigs were 40,000 head more than a year earlier, an increase of six per cent. Breeding stock on hand was 77,000 head, a decrease of seven per cent from 1975, while market hog numbers were up eight per cent to 623,000.

Inventory value was $31,500,000, a drop of 32 per cent from the $46,530,000 a year ago. The huge decline in value was the result of a $25.50 per head decrease to $45.00.

The Spring pig crop for 1976 was 540,000, up eleven per cent from the Spring 1975 crop. The 72,000 sows farrowed produced an average of 7.5 pigs per litter. The Fall pig crop at 450,000 was 16 per cent above the fall 1975 crop. Total pig crop for the year (December 1975 to November 1976) was 990,000, a 14 per cent increase from the previous year. Intended farrowings for December 1976-May 1977 are 68,000, down six per cent from Spring 1976 farrowings.

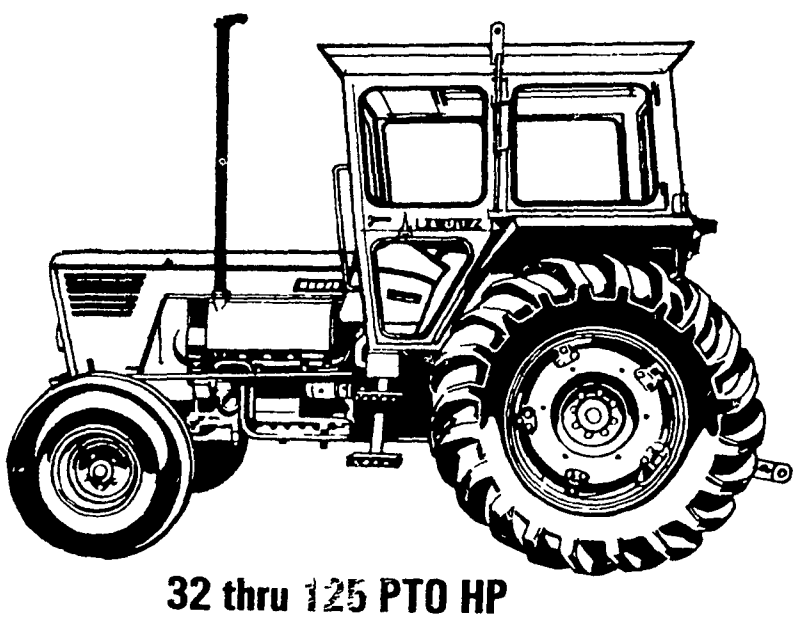
The U.S. hog inventory is estimated at 55.1 million head as of December 1, eleven per cent more than a year earlier. The 8.0 million breeder stock are five per cent more than a year ago and eight per cent above 1974 stocks. The number for market, at 47.1 million head is up 12 per cent from last year, but is one per cent below the number two years ago.

The U.S. pig crop for 1976 was 84.6 million head, 19 per cent above last year. The Spring 1976 pig crop, now estimated at a revised level of 42.2 million was up 19 per cent from 1975 levels, but six per cent below 1974. The Fall 1976 pig crop estimated at 42.4 million was up 18 per cent from last year and nine per cent higher than the 1974 Fall crop.

The 5.9 million sows that farrowed during June-November 1976 was 18 per cent more than a year ago. Average litter size was 7.22 compared to 7.21 a year earlier.

Hog producers in the U.S. intend to farrow 6.1 million sows during the Spring of 1977, an increase of five per cent from the same period this year and 23 per cent more than the Spring of 1975.

DEUTZ



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Deutz fuel economy is proven — if you find a tractor that burns less fuel than a Deutz, buy it - then let us know. We haven't found it yet.

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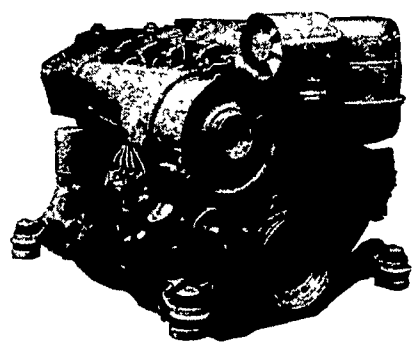

CUTTER

The cost of diesel fuel has jumped nearly 70 percent since October, 1973 and it's still about three cents a gallon cheaper than gasoline. Higher fuel costs call for a closer look at total operating costs when you buy engines. Deutz air-cooled engines use 20 to 40 percent less fuel than most water-cooled diesel engines - far less than gasoline engines. And they are competitively priced. So hadn't you better buy or specify the cost cutter Deutz? 10 to 500 bhp.

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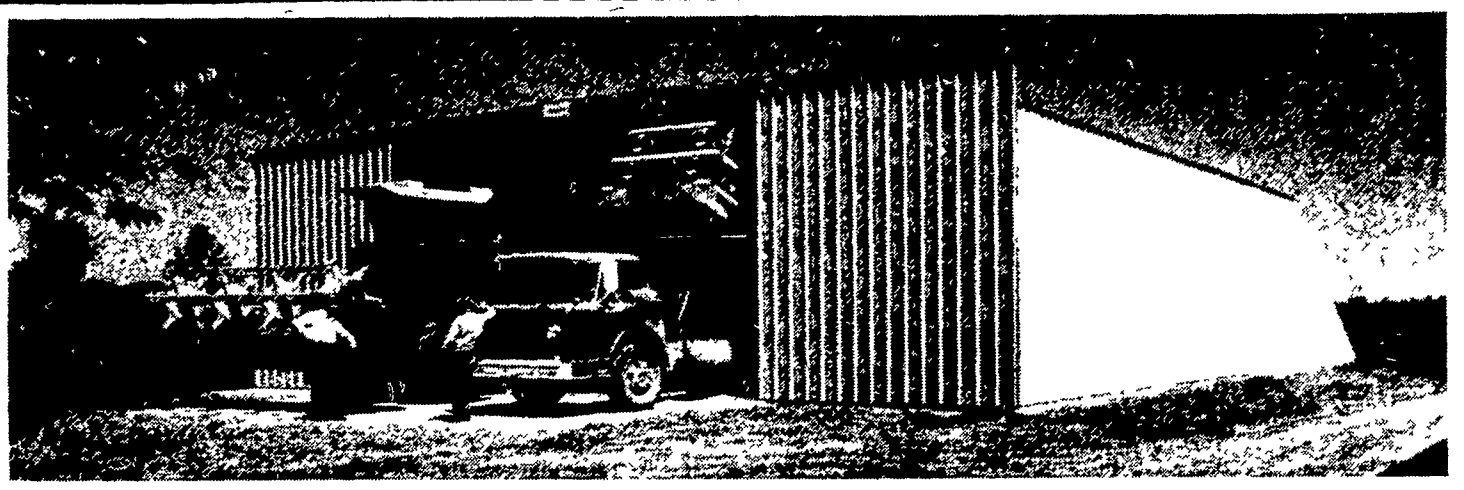

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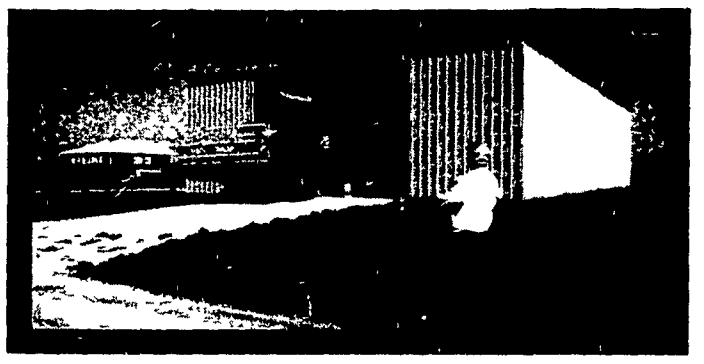

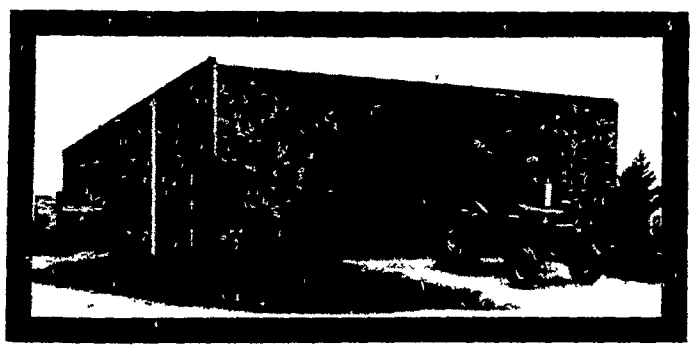

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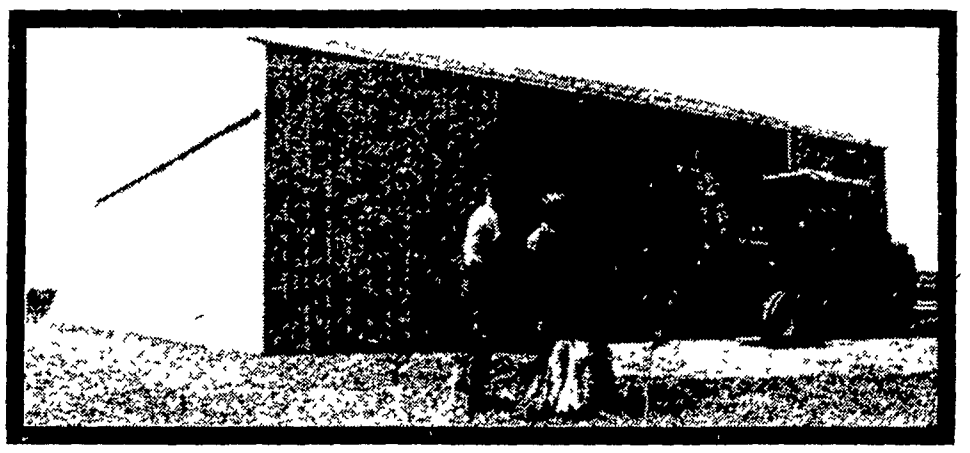

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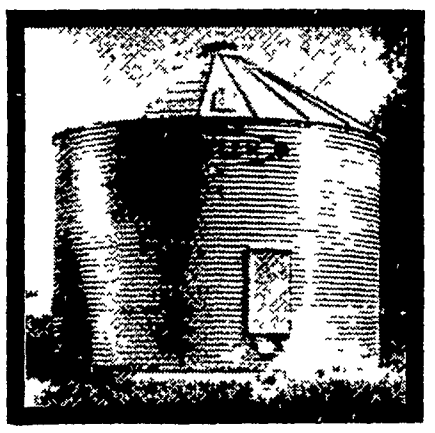

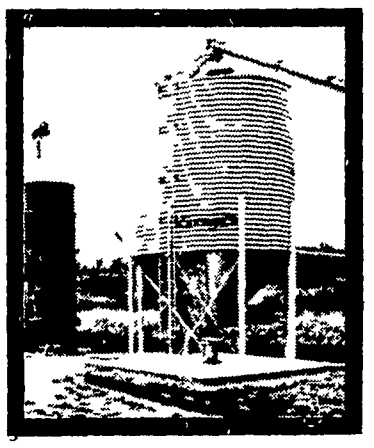

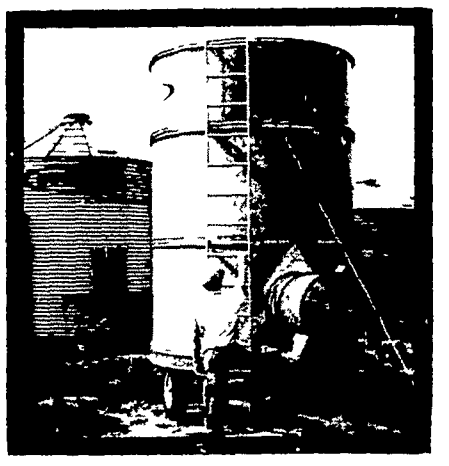

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What's new

JOHN DEERE TRACTOR

A new John Deere Tractor - the 80-hp 2840 Diesel - has been introduced by John Deere. The new 2840 tractor is powered by a six-cylinder variable-speed engine and features a 12-speed transmission with built-in Hi-Lo.

John Deere cites the new 2840 as one of the greatest values ever offered in John Deere tractors. "The base-price tractor, without any addons, includes everything a farmer needs to do the complete job of farming. Rockshaft and category 2 three-point hitch, independent 1000-540-rpm PTO, closed-center hydraulic system, fully adjustable drawbar - all these features are included in the base price to make the tractor fully field ready."

Other features listed as part of the base-price tractor include differential lock; dual remote-cylinder outlets; complete lighting for field, highway, and safety; fully adjustable seat; rack-and-pinion axles for tread spacing; inboard planetary final drives; adjustable steel fenders; spacious flat operator's platform; power steering; hydraulic differential brakes; shape- and color-coded controls; SMV sign; 28-gallon front-mounted fuel tank; mounting steps and handholds; fully adjustable lap-joint front axle; safety start system; transmission park lock; and hand and foot throttles.

The engine is John Deere-designed and built. It features wet-sleeve cylinders, seven-main-bearing crankshaft, and a distributor-type fuel pump. Other features include forced lubrication of all vital parts with filtered oil, bypass cooling to maintain proper operating temperatures at all load levels, and three-stage fuel filtering.

The transmission features a built-in hydraulic Hi-Lo as standard equipment. The Hi-Lo can be shifted up or down on the go as required and provides 12 well-spaced forward speeds. A built-in shuttle shift is provided for back-and-forth jobs like loading. Other features include constant-mesh,

helical-cut gears, full-pressure lubrication, and one-piece transmission-differential case that holds all gears and shafts in proper alignment.

The styling of the tractor instantly identifies it as part of the John Deere line. It's a compact, short-coupled tractor, one designed very similarly to tractors in the lower-power end of the line. The 2840 uniquely combines the low-built design of a utility tractor with the crop clearance of a row-crop tractor. This results in agility to move freely in confined areas, yet provides complete adaptablity to take on row-crop and open field work. There are few assignments that will stump this new 2840

Options have been held to a minimum. They include choice of tires, the styled Roll-Gard protective structure (ROPS) with canopy and seat belts, muffler extension, turn signals, and front and rear cast weights.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

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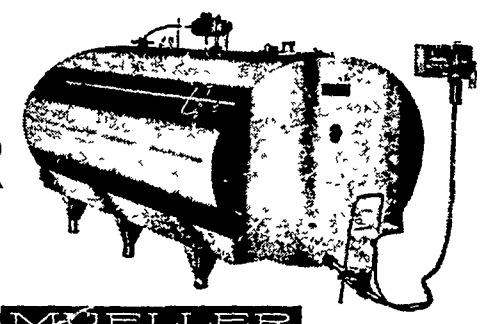

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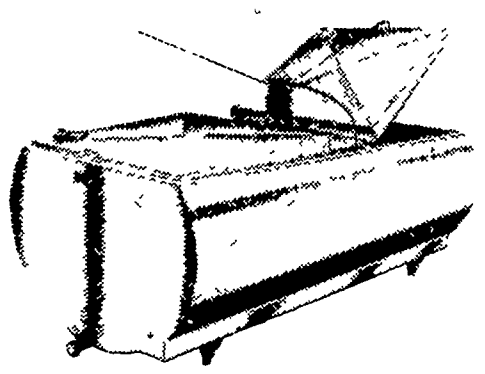

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New 18 can (Can Coolers)
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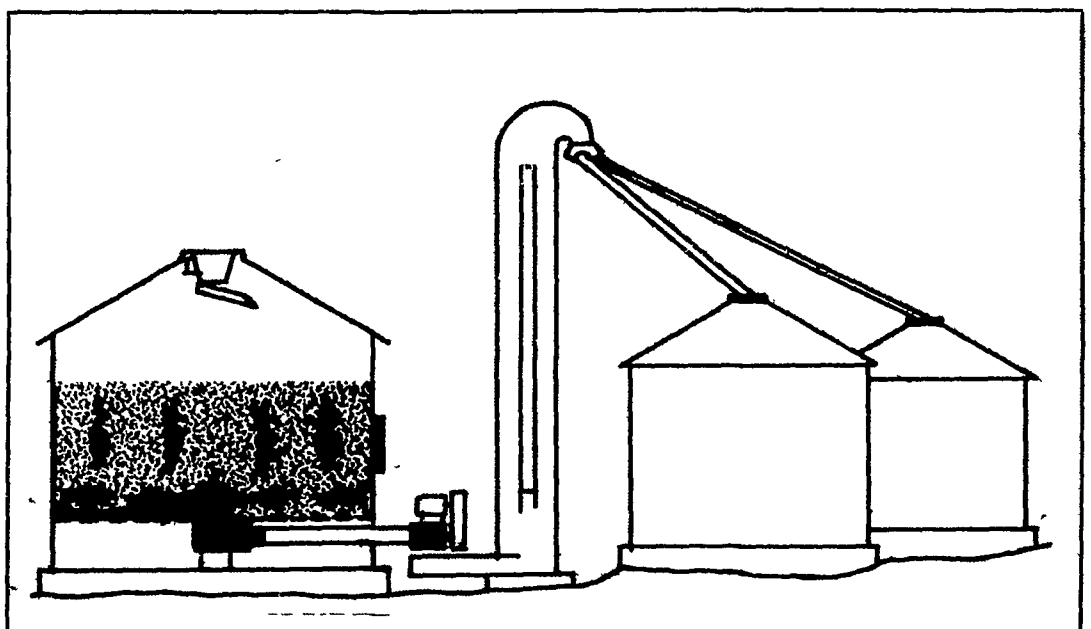
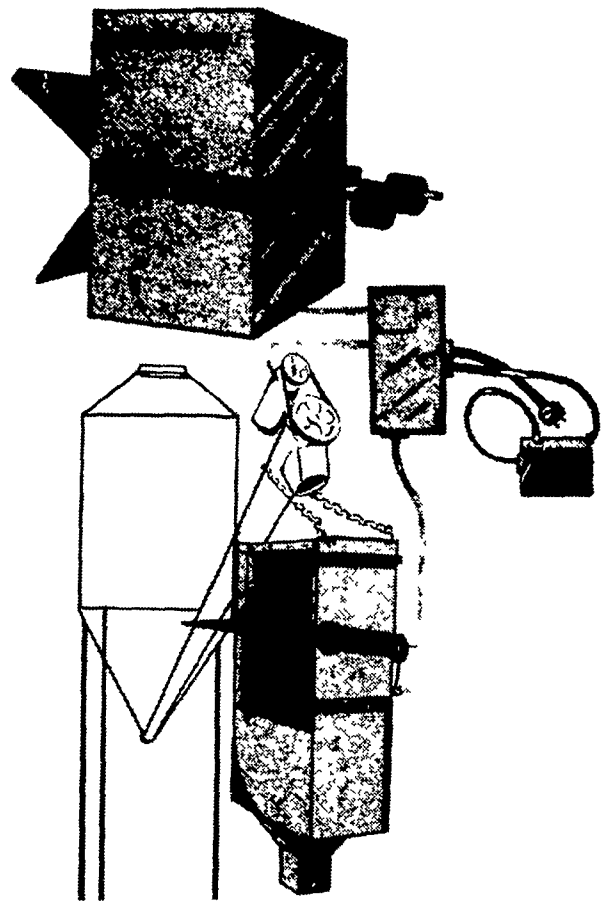


We have compared the features and cost of various type drying and storage systems. The following are the most practical at the lowest possible cost: simplicity in design, lower operating cost, dependable performance, quality material. Minimum maintenance under normal farm conditions.



CONTINUOUS FLOW and AUTOMATIC BATCH DRYERS w/control panel moisture and temperature controls, switches, magnetic starters to start and stop unloading augers or bucket elevators.	Drying Cap. Bu /hr 5 P.	Fan H.P	Sale	Wet Holding Bin Bu. Cap.	Wet Holding Bin Sale	Unit Sale
	200	1-13	$4265	2000	$1123	$5388
	300	2-9.75	5868	3600	1600	7468
	400	2-13	6517	4500	1815	8332

IN BIN DRYING SYSTEM complete with 7 ring bin, Stirway fan and heater thermostat, chemical-lok drying floor, spreader, unloading equipment, all necessary motors, pulleys and belts.	Dia.	Bu Cap.	Fan H.P.	SALE
	18'	3485	3.9	$4767
	24'	6303	6.5	6462
	30'	10,200	9.75	8058
	36'	14,897		9920

STORAGE BINS	Size	Bu Cap.	List	Sale	STORAGE SYSTEM SALE	
Includes: roof ladder, safety ring, fill hole and Cover, manhole, 2 ring door, base angle, bolts and nuts, caulking	15-7	2987	2024	1296	$1939	Includes: bin, w/side wall ladder, fan, transition floor panels, unloading equipment, intermediate hopper, electric motor, belt, pulleys (no electric service to equipment).
	18-7	4363	2470	1581	2223	
	21-7	6062	2968	1900	2610	
	24-7	7981	3537	2264	3031	
	27-7	10242	4161	2663	3500	
	30-7	12819	5115	3274	4132	
	33-7	15723	5898	3886	4943	
	36-7	18963	6872	4398	5484	
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THE ELECTRONIC CONTROL PANEL contains a counter, fuses, switches and relays.

By pushing a button it will automatically start the unloader, weigh out the desired amount of corn or haylage and stop the unloader.

At the same time it will also operate any additional scales which weigh out protein or any other concentrates and add it in exact proportion.

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Milk prices announced

ALEXANDRIA, Va. - Middle Atlantic Order Market Administrator Joseph D. Shine has announced a February 1977 Class I milk price of $11.03 per hundredweight. Shine said this price is down one cent from January and is 83 cents below the February 1976 Class I price. Order No. 4 prices are announced for milk testing 3.5 percent butterfat, f.o.b. plants located within 55 miles of Philadelphia, Pa. and also within 75 miles from the nearer of Washington, D.C. or Baltimore, Md. There is also a six-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

The Market Administrator also announced a Class II milk price for December 1976 of $8.33 per hundredweight and a butterfat differential of 10.04 cents for each tenth of a pound of fat.

These class prices are based on the December 1976 Minnesota-Wisconsin manufacturing milk price of $8.25 per hundredweight for 3.5 percent milk.

The USDA reported the wholesale Grade A butter price at Chicago during December was 90.82 cents per pound and the nonfat dry milk price was 62.58 cents per pound, f.o.b. plants in the Chicago area.

Meat production up

HARRISBURG - Red meat production in Pennsylvania during November totaled 94 million pounds, 17 per cent more than November 1975, according to the Crop Reporting Service.

Cattle slaughter at 92,000 head was up 15 per cent; calves slaughtered was 39,500 head, 36 per cent above last year; hog slaughter at 259,000 head was up 49 per cent; and sheep and lambs at 14,400 head were 48 per cent above a year earlier.

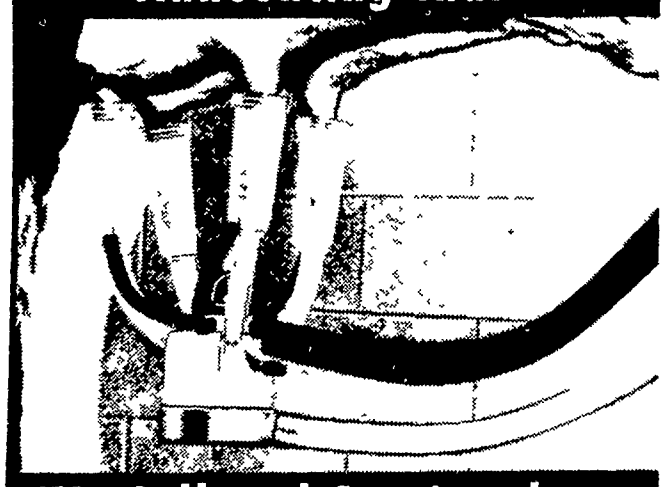
Nationally, commercial red meat production during November was up 16 per cent from a year ago. Cattle slaughter increased one per cent from a year ago; calf slaughter was down two per cent; hog slaughter increased 40 per cent; sheep and lamb slaughter was less than one per cent greater than a year ago.

Costs Money

When a leisure time activity begins to cost money it's called a hobby

STOP BY THE ZERO BOOTH
PA FARM SHOW
Booths 411-413

Announcing that



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Zero Concord
TWIN-VACUUM PIPELINE
MILKING SYSTEM
WITH COW MONITOR

The ZERO CONCORD is a combination of a revolutionary pipeline milking machine and the ZERO Completely-Automated Vacuum Bulk Milk Cooler. It's the only system that provides stable milking vacuum at the teat end—in parlor or stanchion barn—with a low or high, short or long, pipeline—and without injecting air into the milker units to move the milk. Only with stable vacuum and no air injection can you hope to reduce leucocyte counts up to 65 per cent—increase milk production as much as 20 per cent—and prevent off-flavor milk.

A patented, scientific principle . . . TWIN-VACUUM . . . whereby one vacuum milks the cows—and a different vacuum moves the milk through a separate pipeline into the bulk tank—is what makes safe, stable vacuum possible. Furthermore, ZERO's patented SPATTER-SPRAY Automatic Washer—and a new, improved, more-compact, high-capacity, transparent milker unit—provide built-in, "push-button", visible self-cleaning and sanitizing of the entire system—without disassembling. And there are many other superior features.

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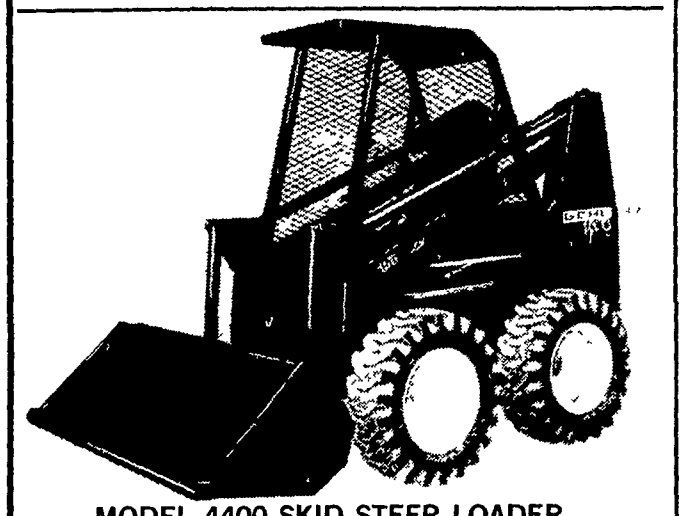
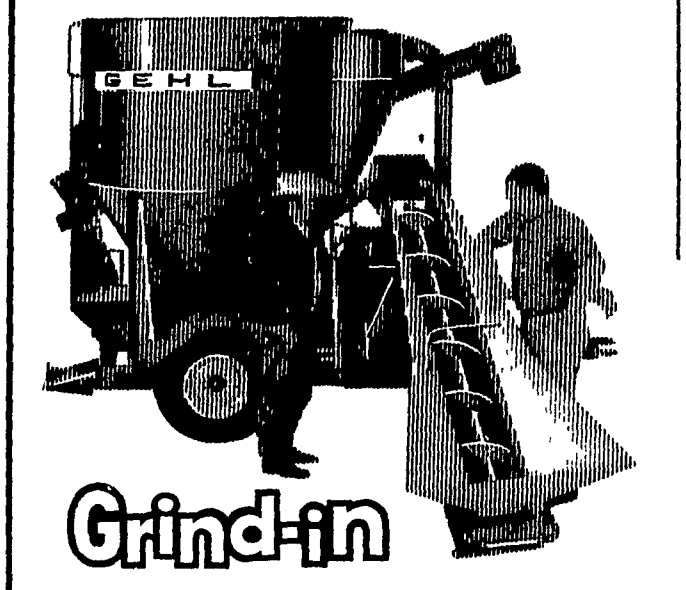
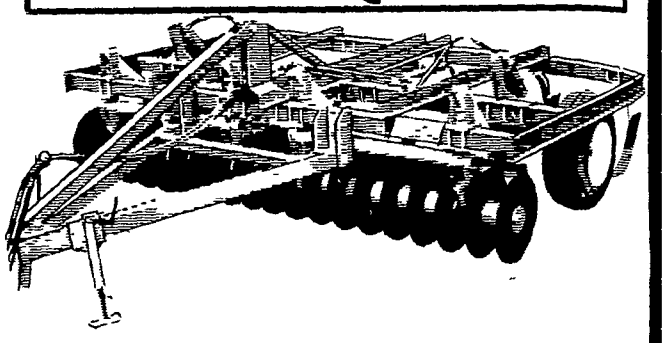


MODEL 4400 SKID STEER LOADER



Grind-in

HAMILTON EQUIPMENT



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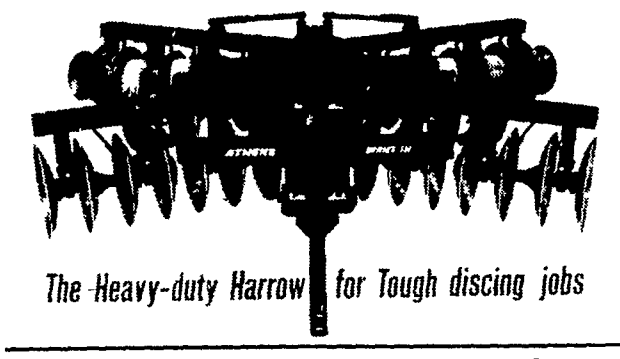

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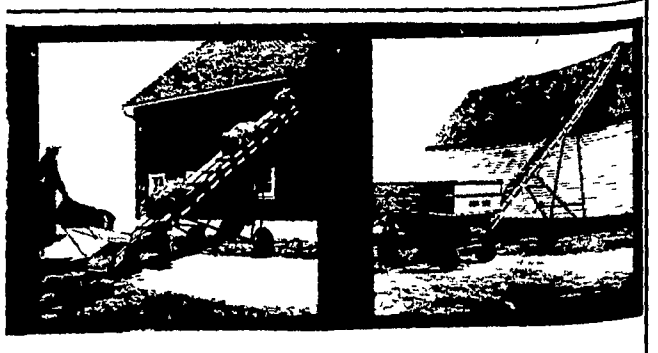

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Winternationals come to Harrisburg

HARRISBURG, Pa. - The fifth annual Penn Winternationals, the East's only indoor invitational tractor pull, will again feature co-sponsorship by the Kendall Oil Division of the Witco Chemical Corporation of Bradford, Pennsylvania and Muncy Chief Hybrids of Muncy, Pennsylvania. Both companies have been active supporters of tractor pulling in the state of Pennsylvania, as well as on the national level.

Sixteen competitors from Pennsylvania will be competing in the event for a share of the $32,000 purse on January 28 and 29. Five of the sixteen operate the powerful and noisy modifieds, while the remaining 11 drive the potent, but touchy super stock machines.

One of those modified competitors, Lester Houck of Kinzers, will have much more on his mind than how the tractor will run. The 33 year old Houck, the father of two children, is the executive director of Penn Winternationals, the promoter of the two-day event. Houck has been active for some time in the sport, serving as the executive secretary of the Pennsylvania Tractor Pullers Association (PTPA), and the secretary of the executive board of the National Tractor Pullers Association (NTPA).

Another puller that will have more than competition on his mind will be Art Arfons. Arfons will be keeping a close eye on a new device make the spectators life a little more comfortable - a turbine to take care of the smoke created by the super stocks. Anyone who has attended an indoor pull knows that the smoke can get a little thick at times. The new "Smoke Burner" is a small turbine that will burn the smoke that comes from the powerful diesel engines. Previously, two fans and 18 inch flexible hose attempted to vent the smoke outside, but there were often problems when the hose would come undone. According to Arfons, the machine has performed well in dry run tests to date, but will get its' baptism of fire at the National Challenge '77 at the Richfield, Ohio Coliseum on January 14-16. Arfons feels that there will be an added side benefit to the machine, as the heat generated will help warm the arena area.

Tickets for the event will be available at the Pennsylvania Farm Show starting January 10, 1977. The Penn Winternationals booth will be located in the Poultry Barn in Spaces P-30 and 31. Also starting on that date, ticket information is available by calling the Farm Show Arena Ticket Office at 717-233-2060. Ticket prices are $4.00 for the January 28 afternoon session beginning at 1:00 p.m. The January 28 evening session beginning at 7:30 p.m. and the afternoon and evening sessions on January 29 are priced at $5.00 per session.

Allotment announced on feed grains

WASHINGTON, D.C. - A 1977 national feed grain allotment of 89 million acres has been announced by the U.S. Department of Agriculture. This figure is unchanged from 1976.

The national allotment represents the harvested acreage that will produce the quantity of corn, sorghum and barley USDA estimates United States will use domestically and for export during the 1977-78 marketing year.

The national allotment does not represent a limit on the amount of feed grain that may be planted. It is used solely as a basis for making payments to producers should the market price fall below the established target prices or should growers qualify for disaster payments.

In 1976, producers, responding to the marketplace rather than the allotment, planted about 112 million acres of corn, sorghum and barley. USDA believes that in 1977 producers will again study prices and demand in planning their farming operations and, therfore, the national allotment and actual acres planted may not coincide.

USDA also announced today that it will not make deficiency payments on 1976 crop wheat and barley. Current legislation provides that deficiency payments shall be made to producers when the national weighted average price received by farmers for the first five months of the marketing year (June-October for wheat and barley) is less than the established target price for these crops.

The national weighted average price received by farmers for the first five months of the 1976 marketing year was $3.08 per bushel for wheat and $2.41 per bushel for barley. These exceed the target prices of $2.29 and $1.28 for wheat and barley respectively.

300 bushels per acre possible

UNIVERSITY PARK, Pa. - Applying future science and technology to grow corn, while getting maximum sunlight from silking stage to maturity, farmers some day could produce well over 300 bushels of shelled corn per acre instead of the present national average of 85.5 bushels per acre, declared a crop scientist from The Pennsylvania State University recently.

"The amount of energy available from the sun for photosynthesis by the crop sets the upper limit for grain production," stated Dr. Daniel P. Knievel, crop physiologist in the College of Agriculture at Penn State. He spoke at the annual Forage, Corn, and Seed Conference held here.

Under ideal conditions, corn plants in Pennsylvania retain enough energy to produce about 11 bushels of grain per day during the grain-filling period from mid July to early September. This means that a corn hybrid with a 32 day rapid grain-filling period might yield 352 bushels per acre - depending upon the amount of solar energy.

With higher than average light intensities, the maximum yield could be pushed to 435 bushels per acre, he estimated. High light intensities, combined with ideal soil and management conditions, enables an Illinois farmer to harvest a world record yield of 338 bushels per acre in 1975, it was pointed out.

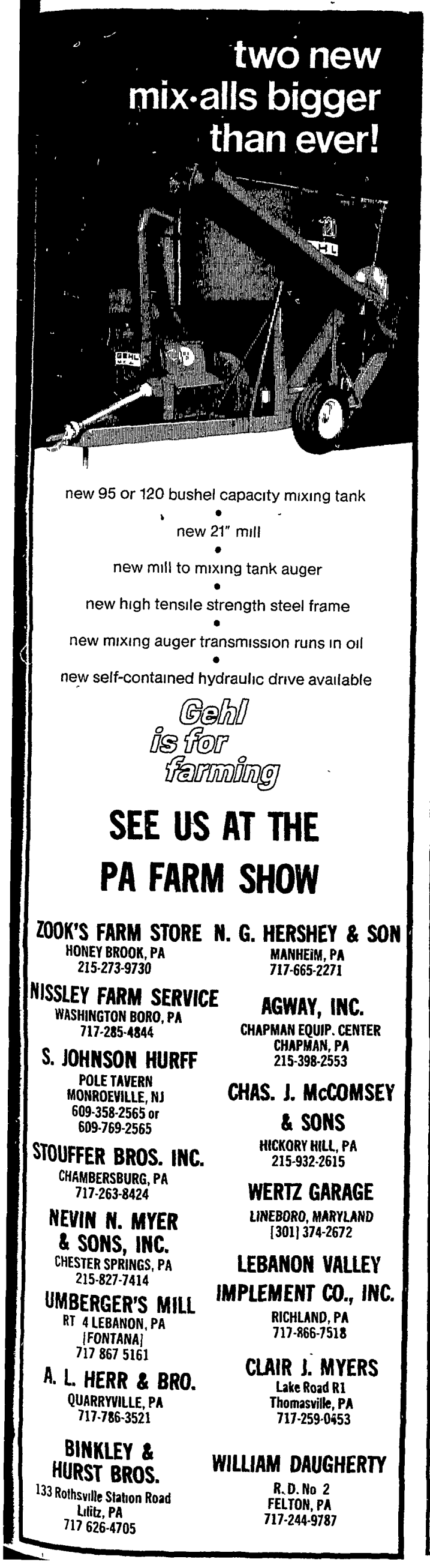
The Penn State crop scientist said a corn growth model is being used to describe mathematically the complex physical, chemical, and biological processes involved in corn growth. This technique is being used to identify those processes that limit present corn yields to well below the potential maximum. A computer is used with the corn model to simulate grain development from pollination through kernel maturity.

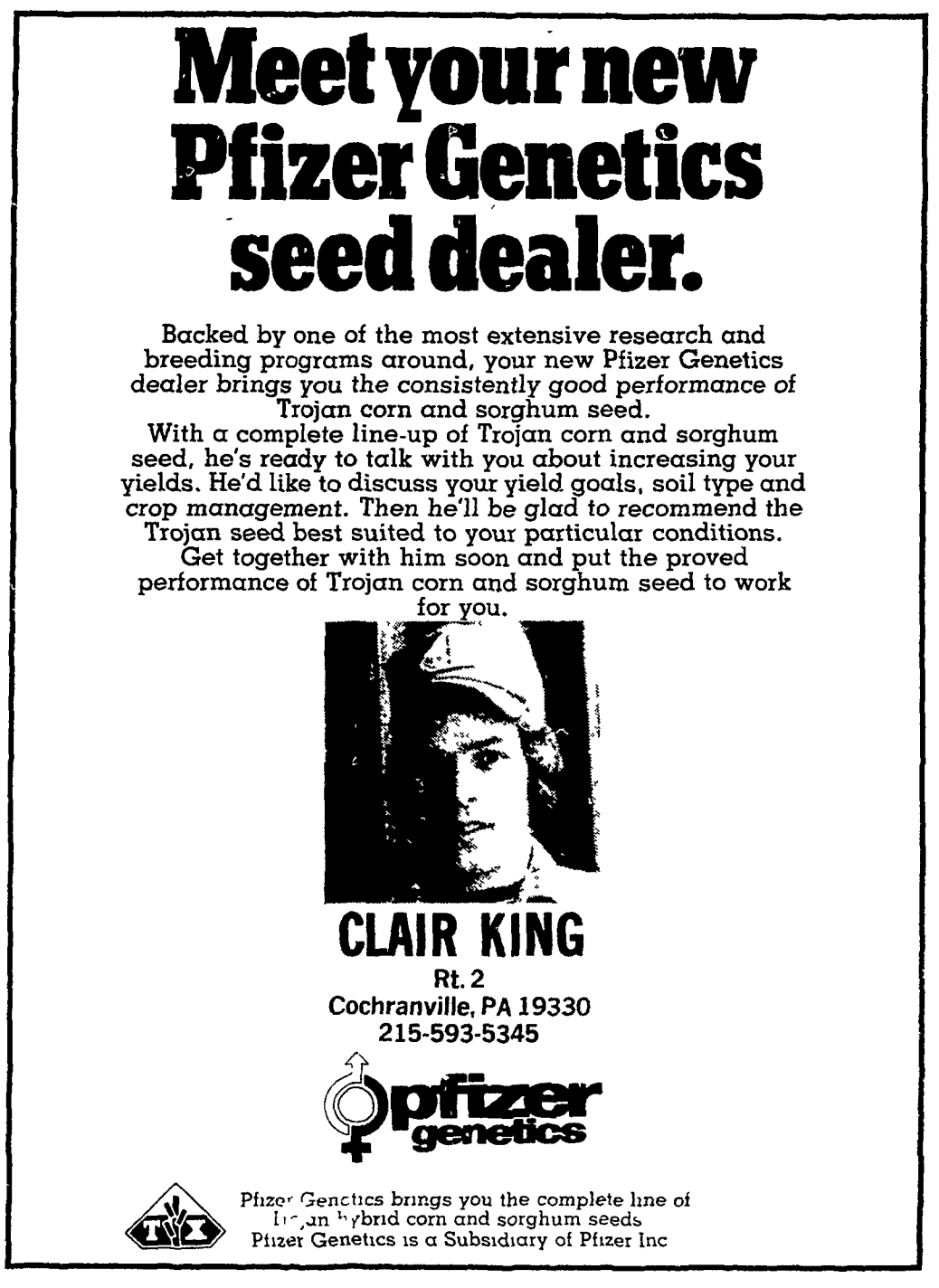
At maturity, a dark membrane called the black layer forms at the base of each corn kernel. This layer cuts off movement of carbohydrate to the grain and ends grain growth, Dr. Knievel explained. Although there are about 50 to 60 days from pollination to black layer formation, most of the grain is produced during a 30 to 40 day period, he said.

At present, only a few processes thought to be important in growing corn are included in growth models. These include photosynthesis, respiration, leaf and stalk growth rate, rainfall, air temperature, and some hybrid characteristics.

Eventually, Dr. Kniebel and associates hope to include soil fertility, disease, and insect factors in calculations with growth models.

"It is clear from our results that we do not have an adequate understanding of how time of silking and subsequent pollination is controlled in corn. It is also apparent that this is a crucial factor needed to develop an adequate corn growth model," he [illegible]

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Five cousins will show steers

[Continued from Page 1]

Fritz C. is the son of Fred Frey, Quarryville. Their club leaders are Jason Weaver, Mechanic Grove, and Bud Dean, Strasburg.

All five of the animals being taken to Harrisburg are from the Frey's Twin Oak Farm south of Quarryville. Bonnie Sue's steer is, in fact, a calf from out of one of her own cows. They selected their animals last Spring from about 30 to 40 head and prepared them for the show circuit. One of the shows was the Lancaster County round-up, held late in the Fall. The famed Herman Purdy of Penn State was judge and he found none of the animals to be anything less than Farm Show quality. None of the Freys placed any lower than third, and the top six of each class were designated for the big Harrisburg event.

Most experienced among the fivesome in 4-H steer showing is 12-year old Ernie, who has been a member of the club for three years. But the most successful is Bonnie Sue, who at the tender age of 11, and in her very first year as a 4-H'er, had the reserve grand champion at last year's Farm Show. She was beaten by 19-year old Jim Greider of Columbia.

Readers may recall that Bonnie Sue's steer projects have been generating more than the usual amount of news - not only because of her success in Harrisburg a year ago, but because of difficulty with a zoning ordinance in their small community of Refton. Although the Freys have adequate and proper facilities and space to keep 4-H project steers, and a variety of animals may be kept, steers are not included. A ruling was passed last Fall which orders the Freys to refrain from keeping steers at their Refton home. It becomes effective right after the Farm Show is over.

In spite of the implications of the ruling, and the family's disappointment with it, Bonnie Sue has not taken on a defeatist attitude, and she's looking forward to competing in Harrisburg this coming week.

"It's fun," she commented, "I sort of get a little nervous going out in the show ring, wondering how I'm going to place, and it's hard, especially getting the animal fit and dressing him."

The young lady gave a few details as to what is involved in getting her baby beef animal ready for the show. Saddle soap is put on the steer's legs to make the hair stand up; the entire animal is washed several times and blow-dried; milk oil is rubbed over the steer's body to make its hide shine; hooves are cleaned and trimmed and painted; body hair is pulled up straight and blocked; and a daily schedule of training is involved.

Like Bonnie Sue, Ernie will be going to the Farm Show for a second year in a row. He admits being a bit nervous, but he's even quicker to acknowledge that he's looking forward to the big event. Being the most experienced of the five cousins, he told Lancaster Farming that how the steer is shown is just as important as the appearance of the steer itself. "Always look at the judge," he said, "and when the steer stands, set up his legs properly and remember to keep an eye on the judge at all times. Brush the hair back up after the judge has patted it."

Another important aspect of showing is paying attention at meetings, the Frey children's grandmother, Mrs. Anna Frey, suggested. "Experience counts heavily," she added.

Brenda, who at 16 is the oldest of the fivesome, joined the 4-H club in her area just this past year because she found Bonnie Sue's work and accomplishments to be interesting. Like her sister and cousins, she's looking forward to going to Harrisburg.

Jamie, a first-year 4-H'er, says she's a bit nervous too, but with the family so strongly represented, she's likely to get over that. Fritz C. is also a beginner, and almost as interested in steers as he is in football. Last Fall, he said, he had to get up early in the morning to lead his steer, because evenings and afternoons were taken up by football. He washes his steer about once a week, brushes him nightly and walks it for about 15 to 20 minutes per day.

A little family rivalry might be expected here, but none is evident. Grandma Frey proudly commented that all five of the contestants help each other out with their projects and they're really not jealous of each other.

"As long as one of the Freys wins it'll be okay," interjected Brenda. They're representing Lancaster County as well. The Red Rose Club has 29 steers at the Farm Show.

Grandma Frey has 16 grandchildren. Five are showing in Harrisburg this year. Seven will be eligible next year. And...

Queens grace Farm Show

HARRISBURG - Pennsylvania's Commodity Queens will be honored at Pre-Farm Show activities during this weekend, according to Pennsylvania Agriculture Secretary Raymond J. Kerstetter.

Kerstetter said that the queens would be recognized at the Pre-Farm Show Dinner and at the Governor's Preview and Press Tour.

The annual Pre-Farm Show Dinner, which will be held today at the Host Inn in Harrisburg, is held to honor visiting secretaries and commissioners of agriculture from other states and the Pennsylvania Commodity Queens. This year, Lieutenant Governor Ernest P. Kline will address the dinner. A record number of visiting agriculture secretaries is expected.

The Commodity Queens will also be on hand for the Governor's Preview and Press Tour of the 61st annual Farm Show, Sunday, January 9. During the festivities on Sunday, they will present Governor Shapp with gifts from the various agricultural industries and associations they represent.

Pennsylvania's Commodity Queens travel throughout the commonwealth during their reigns promoting the agricultural industries which sponsor the queen contests.

This year's Commodity Queens and their titles are: Pennsylvania Apple Queen, Jane Alecxih, Lancaster; Pennsylvania Cherry Queen, Joyce E. Fetters, Gardners; Pennsylvania Environmental Queen, Debra Ann May, St. Thomas; Pennsylvania FFA Princess, Marcia Hess, Quarryville; Pennsylvania Flower Queen, Mary Moore, Kittanning; Pennsylvania Flying Farmer Queen, Betty J. Rothenberger, Lansdale; Pennsylvania Flying Farmerette, Robin Eileen Weaver, Home; Pennsylvania State Grape Queen, Sherry Nickell, North East; Pennsylvania Honey Queen, Maryann T. Ribick, Phoenixville; Pennsylvania Lamb and Wool Queen, Debra Black, Avella; Pennsylvania Maple Queen, Jane McKenry, Windber; Pennsylvania Poultry Queen, Elizabeth Frances Sperry, Atlantic; Pennsylvania Suffolk Queen, Susan Hastings, Villanova; Queen Evergreen XIII, Susan Bloom, Indiana; and Ms. College of Agriculture, Patricia Ann Wolff, New Alexandria.

The 1976-77 Pennsylvania Dairy Princess, Peggy Ardis Staub, will not be present. Wanda Sue Herman, the Alternate Dairy Princess, will be on hand to take part in the festivities.

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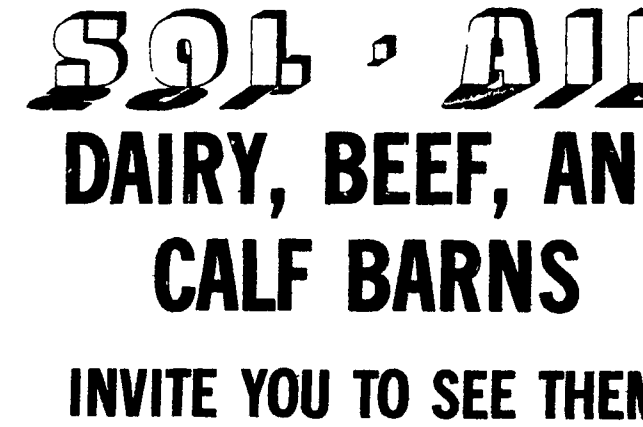

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Film ready for showing

LANCASTER - The first public showing of the 16 mm film shot last Fall on Lancaster County farms and business locations is scheduled next week at the Pennsylvania Farm Show. "For Silage Sake," with a full sound track, was filmed on the farms of John Harnish, Washington Boro, and John L. Landis, 1801 Colebrook Road, and in the computer room of Weaver's Poultry in New Holland.

Featuring new concepts in oxygen-controlled crop and feed storage in concrete silos, the 13½ minute movie explains how a silo works. It features a computerized pressure test now being used by the sponsors. And a breather bag system that traps the inside expanding gases during the day and returns them into the silo when it cools at night is shown.

The sponsors of the movie are Van Dale, Inc., national farm equipment manufacturers with home offices in Minneapolis, Minn.; Weaver Star Silo, Inc., Myerstown, Pa., and Midwest Silo Systems, Ontario, Canada, originators of the computer testing program. Studio By The Bridge, a Lancaster photography and advertising agency under the direction of Everett R. Newswanger, produced the film.

Wheat prospects dim

Under the snow lie many bare fields that normally would have a tinge of greeness. These were seeded to winter wheat this past Fall in normally considered the right period for proper seed germination and plant growth.

Winter came early and cold dry ground stopped wheat plant growth. Many fields exhibited very little sign of wheat. It follows then that the extreme cold will severely jeopordize any real wheat production. Harvesting next July will probably be slight.

Farmers will need to make some dramatic decisions on those seeded acres. Shall they "cold sweat" it out? Re-work soil and plant oats? Switch to corn or soybeans?

Other Pennsylvania acres are in the same fix on the wheat situation as well.

Pest tests set

LANSDALE, Pa. - The 1977 schedule for the testing for commercial certification of pesticide operators has been released by the Department of Agriculture Office, here.

The Lehigh County Vo-Tech School site will have exams given on January 13, March 17, May 12, July 14, September 1, October 6, October 20, November 10, December 8.

The Berks County Agricultural Center have exams set for February 17, April 14, June 9, August 11, September 15, October 11, October 25, November 22, December 20.

The time period is 7 to 10 p.m. each night.

Anyone interested in being present to take the examinations should contact the Pesticide Inspectors at the Pennsylvania Department of Agriculture, Lansdale. Phone 215-368-3000 to make reservations.

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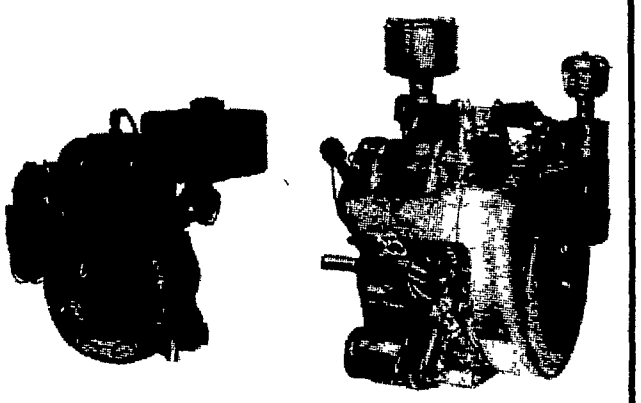

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Solanco student took his pigs from petting zoo to Farm Show

By DIETER KRIEG

PEACH BOTTOM, Pa. - Up until six months ago, 15-year old Mike Rhoads had his heart set on becoming a dairy farmer. His parents, Mr. and Mrs. Sam Rhoads, keep about 35 milking cows on the 110-acre family farm just south of this southern Lancaster County community. Dairy farming was all the young man had really ever known, as far as agriculture is concerned.

That has all changed now.

In the Spring of 1976 Mike purchased two 8-week old pigs, got them ready for the County FFA hog show and came close to winning. He placed second and liked the idea of showing hogs.

Asked what he would like to do after graduation, from high school, Mike wastes no time in answering that he'd like to raise hogs and earn his living that way.

Two weeks ago his vo-ag teacher and project advisor, Dr. William Fredd, informed Mike that he'd be going to the Farm Show with his two pigs. The news came as a surprsie to the young man, especially since his present projects started out as part of an exhibit for the childrens' petting zoo at the Solanco Fair.

When Mike enters the show ring in Harrisburg this coming Thursday, it'll be only the second time in his life that he has done so. The first time was in July when he entered two pigs in the FFA show at the Lancaster Stock Yards. He says he was a bit nervous then, and claims it's a similar situation now. Nevertheless, the Solanco sophomore is anxious to compete and looks forward to going. He remembers that at the FFA round-up his jitters left him once he was in the ring.

Like his first reserve champion; the two hogs he'll be showing next week are three-way crossbreds. He selected them out of Harry Kreider's herd, who, like Mike, once had his main interests in dairy cows. Kreider sold his dairy operation several years ago and now specializes in pigs. Bringing his two pigs home at eight weeks of age, the pair weighed in the neighborhood of 35 pounds each. Three weeks ago they weighed in at 175 and 195. Mike's hoping for 230 pounds on each animal when they're weighed in at the Farm Show. "They have to weigh in between 190 and 250 pounds to be eligible for the show," the young man explained.

Purchased last Summer, Mike's two pigs were not originally intended for showing. At least not the kind of show they're going to now. Last Fall these same two pigs were cuddly members of the children's barn yard at the Solanco Fair. They got petted and picked up and chased and their squeals mixed with those of the children. That was the idea behind their purchase. Dr. Fredd made the suggestion, although Mike himself did the selecting.

One of the developments in Mike's relatively short FFA career which may have been an influence in getting him interested in hogs is the fact that he has consistently done well in swine judging. Hogs have become a challenge to him.

Mike and his parents have never kept hogsup until now. The FFA projects have therefore become a real learning experience for both him and his father, who admits he finds the creatures and their management to be interesting.

Among the reasons Mike prefers hogs to cows is that they don't take quite as much time, and they eat less. Preparations for showing are also not near as tedious as they are with larger livestock. He works with his two hogs for approximately 30 minutes each evening. Using a cane, he walks them around the concrete barn yard to help build up good hams. Another phase of the training program involves holding them in place. He strives for good discipline without roughness.

Mike's two show animals eat approximately 150 pounds of a commercial pelleted ration per month. The heavier of his two hogs gets less grain, and a little hay instead to "keep him happy." He's trying to avoid overfattening them.

The end result will hopefully be an animal which is just what the judge has in mind. According to Mike, who in the last six month has learned a lot about showing, and has had a fine swine judging record besides, the judges look for a long-bodied hog, properly arched from the tip of the nose to the tip of the tail, with firm round hams, and not too much weight in the forequarters.

Mike Rhoads purchased his first pigs in the Spring of 1976. Less than a year later, he's taking two hogs to the Farm Show.

Potatoes shown

ALLENTOWN, Pa. - Not only is Lehigh County on the top with the grand champion potato exhibit at the Pennsylvania State Farm Show, but also the number of exhibits of the "Beautiful Spud" from Lehigh keeps the Potato Show active.

Several potato farms from Lehigh County have been the backbone of the State Show. The 32 tuber tray, one exhibit, is displayed with all other potatoes in the front foyer, west end, near the vegetable display and the hay and grain show.

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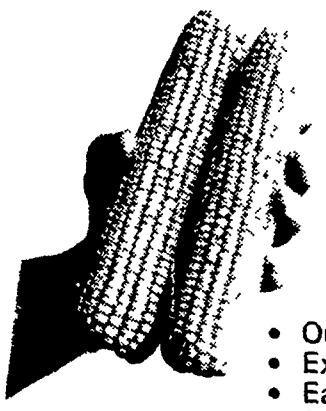

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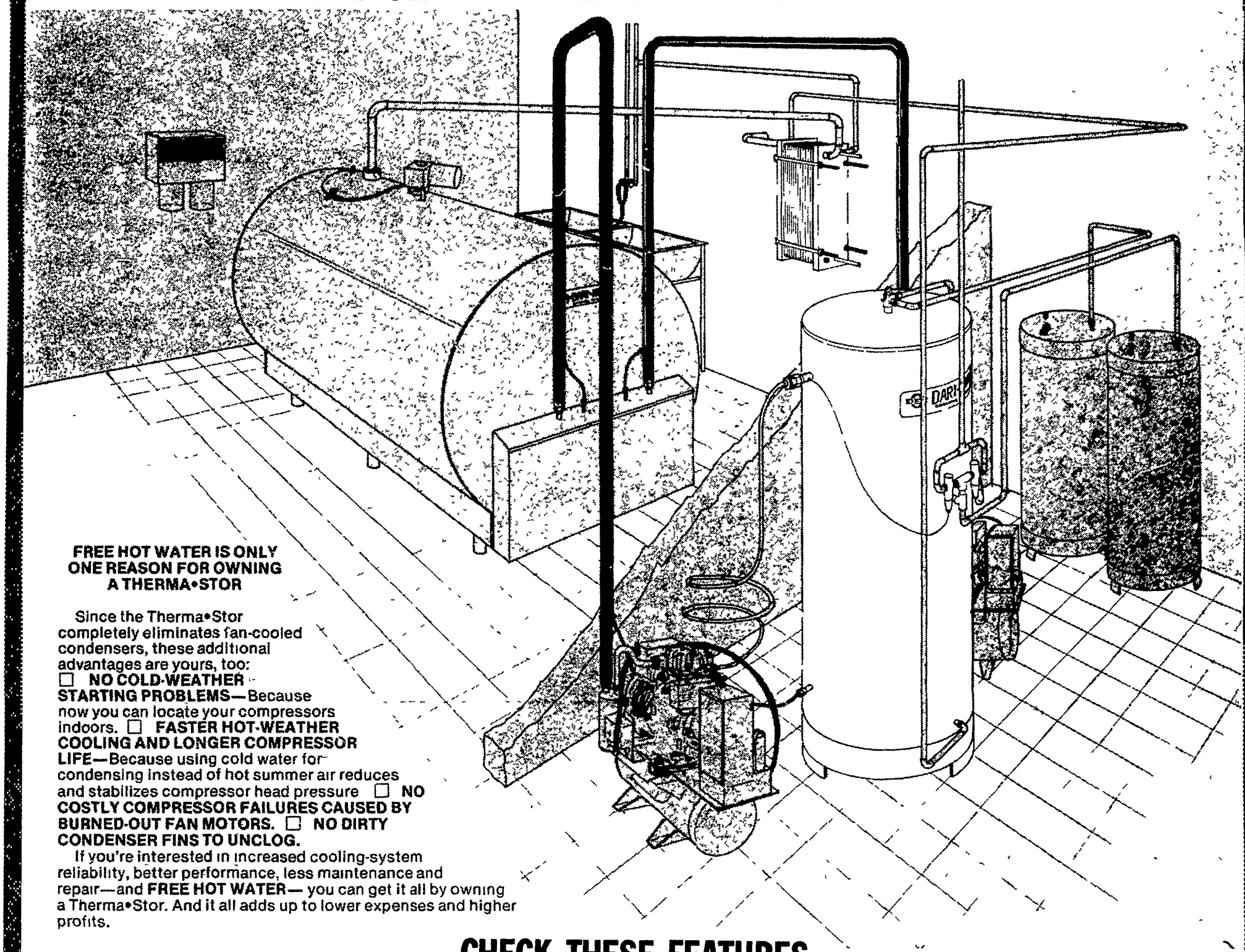

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(1) 3HP	140	150	160
(1) 4HP	145	155	165
(1) 5HP	150	160	170
(2) 3HP	155	165	175
(2) 4HP	165	175	185
(2) 5HP	175	185	190

Chart shows typical temperatures (F) reached in the 50-gallon, high-temperature section of the Therma•Stor, as determined by total compressor horsepower and running time. Temperatures and time shown assume proper refrigerant charge in system, efficient compressor operation, and no plate cooler in system.

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Increased price supports favored

HARRISBURG - Pennsylvania Agriculture Secretary Raymond J. Kerstetter has called for a yearly increase in target price supports as part of a federal Agriculture and Consumer Protection Act in 1977 which would provide a balance of all interests affected by policy decisions.

"We are all in the same game," Kerstetter said. "We all lose when the farmer, the processor or the consumer loses. No one segment of agriculture and the food distribution process can live alone, we are all interdependent."

"The basic authority for our federal farm legislation will expire at the end of the 1977 crop years, so Congress must decide at what level to set price supports, target prices and loan levels. We need these contained in a national food policy which would recognize agricultural production, producer incentives, nutritional standards, food distribution problems, commodity reserves and consumer needs," Kerstetter said.

"Our farm program should seek to assure a minimum level of income security and protection from disasters for farm producers. Although price supports will not be the only component of our farm policy, it clearly will be one of the most important and most difficult to decide upon."

Support payments under the target price concept are primarily to supplement the income effects of short-term price fluctuations. Disaster payments are designed to protect the producer against the economic impact of natural disasters.

Kerstetter said that target prices for the three major commodities should be set at the full cost of production. "Obviously the costs of production vary widely with the costs of land and the yield per acre. But we have reasonably good estimates of 1974 and 1975 crop production costs which can be used for projections of costs for 1977, 1978 and the future," Kerstetter said.

Target prices should be increased yearly to a figure at the total cost of production, including a reasonable charge for land, according to Kerstetter.

The introduction of the target price concept came in the 1973 Agriculture and Consumer Protection Act. The purpose of the target price is to provide a basis for varying price support payments to producers inversely with market prices. This eliminates a great swine in income or loss to the producer during any crop year.

No payments are made to farmers if the market prices are above the established market price. If market prices fall below the target price, then support payments are made for the difference, under the present act.

No price support payments have been made through the first three years of operation of the 1973 Agriculture and Consumer Protection Act. Total payments to any person under the 1973 act are limited to $20,000 per year for price support and disaster payments.

Poultry still strong

HARRISBURG - Pennsylvania's poultry production dipped slightly during the week ending December 25, 1976, but maintained level above last year's production, according to the Pennsylvania Crop Reporting Service.

Placements of broiler chicks were 1,688,000. The placements were five per cent below the previous week, but 22 per cent above the corresponding week a year earlier.

Average placements during the past ten weeks were 30 per cent above a year ago.

In the 21 key poultry producing states, placements were 60,602,000. This figure is about the same as the previous week and seven per cent above the same week in 1975.

Average placements in the 21 key states during the past ten weeks were five per cent above a year ago.

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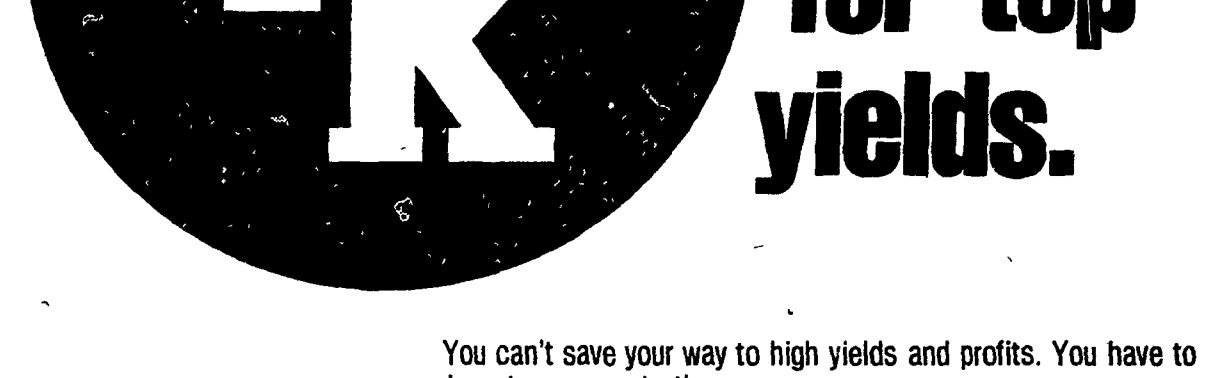

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Senior citizens invited to preview

HARRISBURG - Pennsylvania Agriculture Secretary Raymond J. Kerstetter has announced that the Governor's Preview and Press Day for this year's Farm Show will place a special emphasis on our senior citizens.

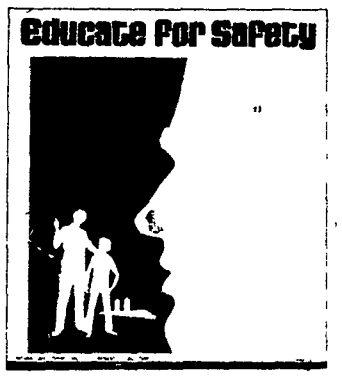
"The Governor's Preview has become an annual tradition of the Farm Show," Kerstetter said. "We hope that this 61st annual Farm Show will set another tradition: recognition of our senior citizens.

This year the Governor's Preview is Sunday, January 9, 1977. The theme for the show, January 10-14, is "Pennsylvania Agriculture: Toward Another Century." The Governor's Preview will include a presentation of gifts to the Governor by Pennsylvania's commodity queens and senior citizens, and the Herrmann Royal Lipizzan Stallions Show.

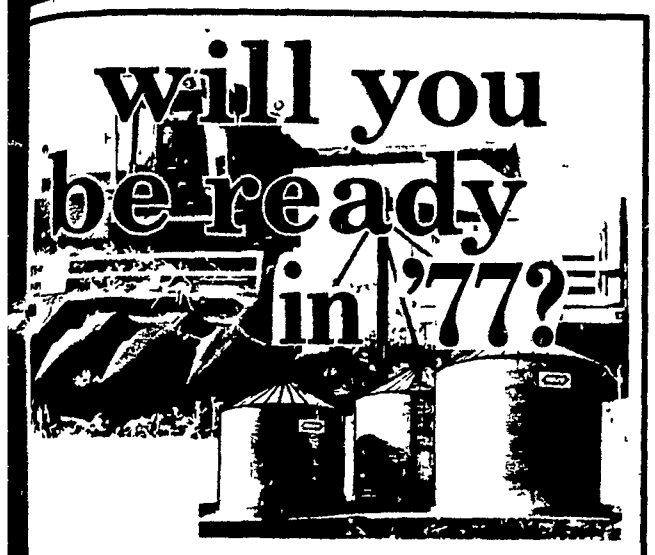
The participating senior citizens will be served a box lunch and given a tour of the exhibits prior to the program in the large arena beginning at 1:30 p.m. During the ceremonies, the senior citizens will make a presentation to the Governor and entertain with a songfest.

In past years, Kerstetter said, senior citizens have been guests during the first official day of the Farm Show. The change this year was made to provide them with easier access to the exhibits.

The participation of the senior citizens in the Governor's Preview is the result of cooperation among the Governor's Office for the Aging, the Department of Agriculture, the Department of Education, local AAA's and the State Farm Show Commission.



Kerry Boyd, won first prizes for two of his crops on Thursday at the Lancaster County corn and tobacco show. Aside from having the best 4-H tobacco, the Ephrata youth also exhibited the best corn in his class. He has both of his crops entered in the Farm Show.



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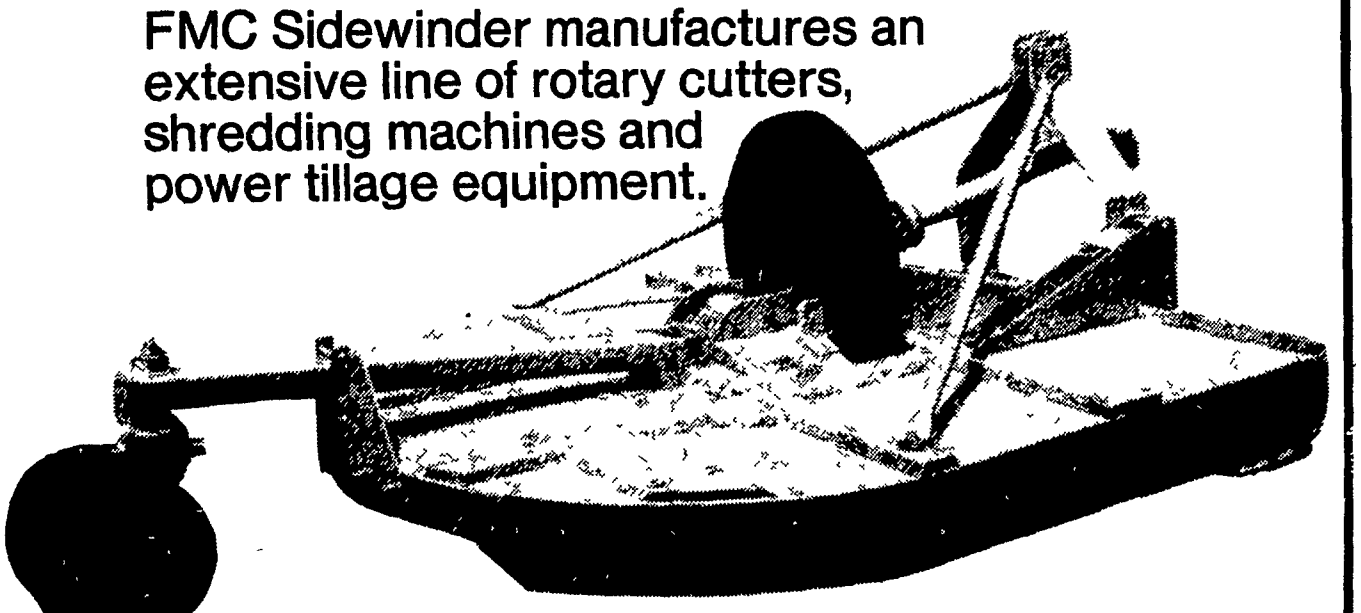

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Pennsylvania State Champion in the One Acre Contest is Kent Burd of Honey Grove, PA. He had a fine yield of 210.5 bushel per acre with Muncy Chief SX777 and will receive a $100.00 scholarship and a trophy.

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.....	MUNCY-CHIEF	H304	90 TO 95 DAYS	27.50	25.50	24.50
.....	MUNCY-CHIEF	H270	85 TO 90 DAYS	27.50	25.50	24.50
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Seamstresses like competition and fun at Pa. Farm Show

Mary Sensenich works at the sewing machine, finishing her garment for Farm Show.

They like the fun

By SALLY BAIR
Feature Writer

It's Farm Show time again and if you're a homemaker, chances are that one of the places you'll plan to visit while at the Show is the home economics exhibits.

These exhibits annually feature well-made clothing, fancy needlework and tempting displays of home preserved foods, all of which have been carefully prepared in the hopes of earning a ribbon.

Among the wide-ranging exhibits are those by the high school home economics students around the state. Many county high schools participate, and the girls have the opportunity to win recognition for the work they have done during their home economics courses in high school.

Manheim Central High School has a very small number of entries, but they represent a variety of garments and range of ability.

According to Miss Mary Gardner, a 10 year veteran home economics teacher at Manheim Central, the number of entries from her classes has always been small. She said she feels the emphasis during class should not be in trying to get large numbers of students to participate in hope of getting a large number of ribbons. Rather, she said, she encourages girls who have worthy projects to consider entering them. She said this year she expects to have about 12-15 projects going to the Show, and she will take them to the Farm Show herself to enter them for judging.

Miss Gardner, said, "As a county we probably enter more things than others. Lancaster generally has the biggest majority of entries; one reason, of course, is that transportation is easier from here than from many areas."

She explained that all garments enetered in home economics classes must be made under the direction of the home economics teacher, and she said that it has been her experience that she must urge girls to enter what they have made. All the girls interviewed were entering garments for the first time, although several had participated in the Manheim Farm Show, and all had attended the State Farm Show.

Gail Achey, Manheim R3, is one student who decided to enter her garment without much coaxing. She said, "I decided I might as well start now - I will have a better chance to win in the future. My sister won a fourth prize at Farm Show one year, so that gave me incentive." Gail, 15, will enter a skirt and a sweater sewn from knit material. She is a member of the Future Homemakers of America and will be attending the FHA state convention on Wednesday along with several of the others.

Kathleen Keller, 15, Lititz R2, will be entering a blouse made of a "crepe-like" cotton fabric. "This is the first thing I've taken to the Show, and I hope to win," she said. Although she has been sewing since she was in seventh grade, Kathleen, now a junior, said, "This is the first project that I ever made that is working out really good for me."

Another seamstress since "seventh grade" is Karen Wenger, Manheim R 2, and she will be sending a rust-colored gauze jumper and blouse to the Farm Show. She said, "I thought it got pretty good." Karen is 15.

Several of the girls admitted sheepishly that they are entering their clothing only upon the encouragement of Miss Gardner. Judy Swarr, a senior from Mount Joy, R 1, is planning to send slacks and matching vest of wool blend, and Cathy Rohrer, 188 N. Hazel Street, Manheim, will be exhibiting a vest, skirt and knit dress. "The teacher asked if I would," she said.

[Continued on Page 43]

Homestead Notes

Home economics teachers Miss Mary Gardner (left) and Miss Amelia Bomberger look over the premium book for the Farm Show.

The suit that Mrs. Shenk is holding (right) was the blue ribbon winner at the Farm Show a few years back, and the coat in her other hand is the one she is thinking about entering this year.

She likes a challenge

By JOANNE SPAHR

LEBANON, Pa. - Mrs. Violet Shenk's handmade garments are enough to make an average sewer's eyes water. The wife of Ira E. Shenk, the owner of Millardsville Fertilizer Works, below Myerstown, she has been endowed with patience, sewing ability, and what she calls a "fanatical desire" to have her plaids matched.

"I'm sure it was the way I matched my plaids that helped me win the blue ribbon at Farm Show," she says modestly about a stunning maroon plaid suit she made for her son. She's right about the plaids - everything that could be matched is, a technique which is time consuming and difficult. But the outfit as a whole is handcrafted extremely well down to the buttons that don't show where they were sewed on from the inside.

"Oh, that suit has a story to go with it," says the pleasant, attractive seamstress rolling her eyes slightly as she remembers getting ready to take it to the Farm Show.

"When I made it, I never intended to enter it," she admits, "and so, when Letie (Lebanon County's Extension home economist) called me up and asked if I wanted to do it, I really wasn't prepared," she continues. And, even though she's more of an expert than the average sewer, Mrs. Shenk does have many of the same tendencies as anyone else. For instance, if she's just sewing for a member of her family, she sometimes takes "shortcuts" and lets something slip by that she might otherwise correct. And, so it was with this suit.

"I had to go back and fix a lining that I remembered needed work," she says. Then, as she was packing it away, she suddenly remembered her buttons and that she didn't think she'd made the sewing invisible from the inside. So, she hurriedly got out the suit to check the buttons, and to her surprise, found that she'd been more meticulous than she'd given herself credit for. Her buttons were all sewn on perfectly, so the suit was ready for the Farm Show.

And, whether it was the matched plaids or not, there was something about the garment that the judges liked, and she won a blue ribbon.

Mrs. Violet Shenk will be found in this position nearly every day now that Winter is here.

"I just couldn't believe it when Letie called me and said, 'Violet you did it, you got a blue,' she " she recalls. That was back in 1974. She'd entered previous to that but never won any ribbons.

As is obvious, Mrs. Shenk's specialty is mens wear. She says that there aren't as many entries in mens wear as there are in other categories because of several reasons. First of all, a suit is much more involved than a skirt, for example, and there are other complications like a different type of zipper and different type of pockets. Plus, there is a lot of tailoring involved, which beginners have difficulty doing. And, if a seamstress likes her plaids matched, she has quite a job on her hands with a suit.

But, Mrs. Shenk likes a challenge, she says, thinking over why she does this type of work. And, she has two men in her family who she

[Continued on Page 45]

They like

(Continued from Page 42)

Nightwear is a popular project in home economics classes, and Mary Sensenich, Lititz R2, says she'll be entering a flannel nightgown along with a skirt and jacket of calcutta fabric. Mary, 15, is another sewer who got started in the seventh grade and she says that she does a lot of sewing at home also. Robin Esbenshade, Manheim R 7, is entering flannel pajamas and a rib knit top, and is planning to attend the state convention for the first time.

It will be the first time 17-year-old Linda Shenk, Manheim R4, is entering a garment, but she is enthusiastic about it. She is entering a jumper and blouse, and said, "I think it will be a good experience but I don't expect to do too well."

Linda is a member of both FHA and FFA, and she attended one FFA convention and doesn't know which she'll attend this year. "It is really worthwhile - it was a new experience and I really got a lot out of it," she said.

Fifteen-year-old Margie Boll, Manheim R1, will be entering a crocheted sweater and a tailored jacket - if she gets the jacket completed in time! She said she learned to crochet in elementary school and has been sewing since seventh grade. She added that all her clothes are made either by her mother or herself, depending upon who has the time.

Margie is the president of the local FHA Chapter and will be attending the FHA convention for the second time. Although she admits that not all of the convention is terribly exciting, she said she thinks the trip to the Farm Show as a group is interesting. "you get to see what other kids have done in their courses, and have a chance to compare projects."

About the convention she said, "The opportunity for meeting other girls is there, although there are no planned activites to help you meet others. It does help you learn more about FHA and you get to know the state officers."

Margie has a good reason for being interested in the FHA on a state level - she hopes to become the second vice president of the state organization. She said she agreed to have her name placed in nomination for the office at the urging of her teacher and after discussion with her parents.

To become a state officer she said, you must submit your name to regional advisers who screen the candidates. After being accepted, a booklet is printed for the local chapters with a statement about the nominees and why they think they'd make good state officers. If elected, Margie said, she would take office at the spring convention.

She said she chose to run because she felt it was a good way to meet new people and to have the opportunity to travel. She said, "I feel I have the ability and it will be a good experience. My parents agreed. It will mean taking on more responsibility."

Miss Amelia Bomberger, the FHA adviser, expressed hope that Margie will be elected to a state post, saying, "She is a leader."

She added that she feels it is a good experience for the FHA girls to travel to Farm Show together because they get to see the other projects and the window displays created by some chapters. "It is an educational experience."

In the clothing classes at Manheim Central she said, "I think it's good if they take their garments to Farm Show. They do better if they are competing." She explained further that in the clothing classes they try to find a girl's ability level and have them do something which will challenge them without frustrating them because of its difficulty.

The Future Homemaker's exhibit and entries are a small portion of the huge Farm Show, but to several students from Manheim Central, their garments will be the most important reason for attending the show.

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10-ODD CHAIRS - REG. $209.95 OUR PRICE $59.95

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Ida's Notebook

Ida Risser

I'm not a person with great patience, as my family can attest. When I see something that needs to be done, I think it should be done immediately or sooner. Living with those of dissimilar ideas has caused some friction. My method of operation - for solving problems quickly - doesn't stay within my immediate surroundings. One time by contacting the proper officials in Harrisburg I managed to have a silo, which was an eyesore and a danger to children who climbed the abandoned structure, torn down within three days by a contractor who had been dragging his feet for months.

When my son has his lunch taken from his locker at school day after day, then I can barely resist the temptation of phoning the school office and complaining. But I suppose when he gets hungry enough and angry enough, he will report the situation himself. After all, I can't always run interference for him.

Then, when I take my daughter to a bell choir practice quite early in the evening and the director is too busy practicing the organ to help them with a new song, again my blood boils and I'm ready to intervene on her behalf. Once more, I barely control my urge to speak up and right a wrong.

Somehow, I must learn to live and let live, although it is difficult to see our farm used as a dumping ground for old furniture, tree limbs, and grass clippings that the neighbors no longer want. Or to see a stand of bamboo broken down as boys in the vicinity help themselves to whatever is ours. Still we maintain our silence.

Someday the dam may burst and I'll be the "fool who rushed in where angels feared to tread." However, in the back of my mind lingers the thought, that it is better to speak up then suffer in silence.

Women's Calendar

Saturday, Jan. 8, 1977

Lancaster County Society 7 meeting at 2 p.m. at home of Mrs. Edna Jean Homsher. Speech on "Saving Energy."

Lancaster County Society 10 meeting at 1:30 p.m. Hostess Mrs. John McGrann. Meeting is entitled, "Come with me to Morocco."

Lancaster County Society 19 meeting at 10 a.m. for sewing meeting; Bring covered dish. Landisville Church of God.

Monday, January 10, 1977

State Farm Women Convention at Harrisburg.

Tuesday, Jan. 11, 1977

State Farm Women Convention at Harrisburg.

York Co. Society of Farm Women 20 meeting at 1 p.m. at the home of Claudia Bailey.

Saturday, January 15, 1977

Lancaster County Society 3 meeting at 1:30 p.m. at the home of Mrs. Clarence Stauffer. Report of state convention. Program entitled "Tie a Knot" by Mrs. Robert Gregory.

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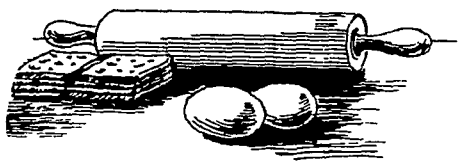
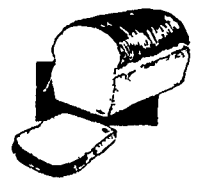
Home on The Range





Christmas is over and so is New Years, so now cooks can stop looking for new cookie and pudding recipes and concentrate on an old favorite - pies. This week's "Home on the Range" contains a wide variety of different types to try, everything from two types of pecan to apple to a no crust cheese pie. If you're in the mood to try working with this dessert, have fun! Hopefully, your family will have more fun eating your new concoctions.

CARAMEL PECAN PIE

36 caramels
¼ cup water
¼ cup margarine
¾ cup sugar
¼ teaspoon salt
½ teaspoon vanilla
3 eggs, beaten
1 cup pecan halves

Melt caramels with water, margarine over low heat. Stir until smooth. Combine sugar, salt, vanilla and eggs. Gradually add caramel sauce - mix well. Stir in pecan halves. Pour into pastry shell. Bake at 350 degrees F. for 45 minutes. Filling will appear to be very soft but becomes firm as it cools.

xxx

OATMEAL PIE

3 eggs, beaten
Two-thirds cup white sugar
1 cup brown sugar
2 teaspoons soft margarine
Two-thirds cup oatmeal
Two-thirds cup coconut
Two-thirds cup milk
1 teaspoon vanilla

Beat eggs; then add remaining ingredients. Bake at 350 degrees F. for 30-35 minutes. Makes one 9" pie.

Mrs. Ernest Halteman
Clear Spring, Md.

xxx

MOCK PECAN PIE

Soak ½ cup grape nuts and ½ cup hot water
3 eggs, well beaten
¾ cup table molasses
¾ cup brown sugar
1 teaspoon vanilla
2 tablespoons butter
Dash of salt

Add grape nuts. Pour into unbaked pie shell. Bake 350 degrees F. oven 45-50 minutes. A few finely chopped nuts may be sprinkled over top of pie before baking.

Mrs. Amos Risser
Elizabethown, Pa.

xxx

OLD FASHIONED APPLE

1 egg
¾ cup sugar
½ cup flour
¼ teaspoon salt
1 tablespoon baking pwder
1 cup apples, chopped and peeled
½ cup English Walnuts

Beat eggs, add sugar, beat again. Add dry ingredients Fold in nuts and apples. Pour into well-greased pan (8 inches). Bake 30 minutes at 350 degrees F. Serve hot or cold with whipped cream or ice cream. Makes its own crust. Cover with foil after baked.

Catherine Kanagy

LEMON CREAM

1 cup heavy cream
1¼ cups sugar
2 tablespoons cornstarch
1 envelope unflavored gelatine
¼ teaspoon salt
1 cup water
3 eggs, separated
½ cup fresh lemon juice
2 tablespoons butter or margarine
1 teaspoon grated lemon peel
1 baked nine inch pastry

Allow one-third cup of cream to stand at room temp. for 10 minutes. In saucepan, combine 1 cup sugar, cornstarch, gelatine and salt; blend in water until smooth. Beat yolks until light; blend into cornstarch mixture along with lemon juice and butter. Bring to a boil over medium heat; stirring constantly; boil two to three minutes. Remove from heat; stir vigorously while gradually adding one-third cup cream and lemon peel. Transfer to metal bowl. Chill mixture in ice water until it mounds slightly when dropped from a spoon. It should be cool but not cold. Meanwhile, beat egg whites to soft peak stage. Gradually add remaining ¼ cup sugar, beating until whites are stiff, but still glossy and moist. Whip remaining two-thirds cup cream until stiff. Gently fold egg whites and cream into chilled mixture. Spoon into baked pastry shell. Chill until firm.

"The 10 best Lemon recipes" book

NO CRUST CHEESE

Two - 8 ounce packages cream cheese
3 eggs

Mix together and put in greased pie pan. Bake 25 minutes at 375 degrees F. Cool fifteen minutes or more.

½ pint sour cream
1 tablespoon vanilla
3 tablespoons sugar

Put on top of pie and spread with cherry or pineapple pie filling.

Mrs. Charles Biehl
Mertztown, Pennsylvania

CUSTARD PIE

Put on stove one quart milk to scald.
Mix well:
2 tablespoons flour
1 cup sugar
4 egg yolks

Beat egg whites just medium stiff; save to stir in last, just before putting in unbaked pie shells. Pour scalding hot milk over yellow mixture, stir well and add one tablespoon vanilla. Stir in egg whites until uniformly mixed. Put pies at once in a hot oven 350 or 400 degrees F. and bake until golden brown.

Thelma Kinsinger

xxx

SOUTHERN PIE

Mix together and let stand:
½ cup Post Grapenut Cereal
½ cup warm water.
3 eggs, well-beaten
¾ cup sugar
1 cup molasses
3 tablespoons melted butter
1 teaspoon vanilla
⅛ teaspoon salt

Blend sugar with eggs. Add syrup, butter, vanilla and salt. Fold in softened cereal. Pour into unbaked pie shell. Bake at 350 degrees F. for 50 minutes or until filling is puffed completely across top.

Mrs. James Thorman
Marietta, Pa.

xxx

NATURAL CEREAL

Mix:
½ cup brown sugar
½ cup honey
¾ stick (6 tablespoons) margarine
1 heaping quart oatmeal
½ cup coconut
¾ cup raisins
2 quarts corn flakes or wheaties (crushed till reduced to one quart)
1 teaspoon salt

Add dry ingredients to honey mixture. Bake at 250 degrees F. Stir occasionally. Bake 45 minutes. For variety, add 2 teaspoons peanut butter.

Mrs. James Thoma
Marietta, Pa

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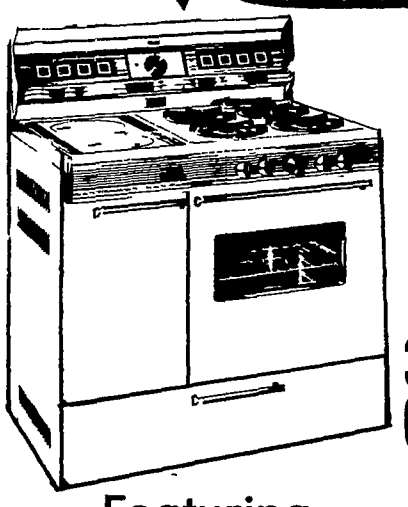

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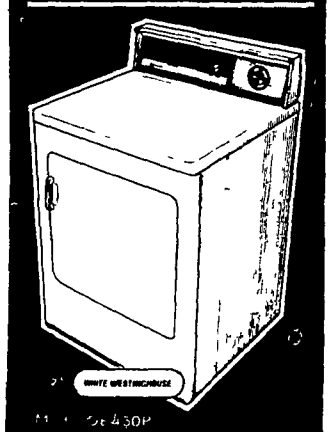

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She likes

(Continued from Page 42)

really enjoys sewing clothing for. She also has a daughter.

"If I didn't sew, my husband and son couldn't have the suits they do," she explains. Men's tailored outfits are just too costly.

Her latest outfit was a white Ultra Suede outfit for her son. In the past year she's also done a turquoise Ultra Suede coat for herself. This type of fabric takes special care, since all the seams are raw edge and since few sewers can afford to make mistakes. The material is quite costly.

"I don't mean to be pretentious," she explains when she tells about the cost, "but when you see a bargain with this material, you don't pass it up!"

If there is a category at the Farm Show for this type of material or if she decides to enter her son's suit with the others in the suit category, Mrs. Shenk will be at Farm Show again this year. At the time of this interview, she was still uncertain as to what she would be doing.

While you might expect Mrs. Shenk to have had many years of schooling for sewing, surprisingly enough, she has never had formal training, except possibly for a time when she was working in a clothing factory before her marriage. However, that can hardly be termed "formal training." She did take the home economics course when she was in high school, but never went onto college for sewing and has never taken special professional tailoring courses. Instead, she just has a love for this type of work so that whenever there is an article or book she can get to help her, she reads it.

"I think I could open up a sewing book library now," she jokes. And, no matter how good she continues to become, she always takes time to get refresher courses on tailoring her clothes to fit if there is one available through the Extension service or sewing stores. She's even driven to Baltimore just to hear a special lecture by an expert in one area which she felt she needed to improve.

"I always think that as long as you pick one thing up that helps you in your sewing, it's worth it," she says explaining her motives.

She also teaches sewing. For 10 years she's been working with the Lebanon Extension office as a "lay person." She worked all this time on a volunteer basis, beginning 10 years ago with courses in her home. Now, this year for the first time, the helpers at the Extension Service will be paid for their time.

This year, her course will be on double knit mens wear. Other courses she has taught are plaid shirts, dresses, and beginning mens wear.

Her method for teaching is to lecture-demonstrate. She is limited to 15 students in her class, and she does one section of the garment at a time and shows the students how to do it. For instance, she prepares one sleeve and teaches it, and then the students go home and are responsible for having sleeves on their garments for the next week.

"The only problem with teaching is that it goes so slow for me to make my clothes," she notes. She can only ever do one sleeve or one pocket at a time and then stop so she doesn't get ahead of her class. For this reason, she can't begin to estimate how long it takes her to make her handcrafted garments.

Then, too, she doesn't sew year round. Her favorite time is Winter. From the beginning of January on, she says she can usually be found, at least some time during the day, working on her sewing.

"I kidded my husband one year that I wanted a maid because I'd rather sew than do house work," she laughs. But that's only in Winter because at the other times of the year she has things she does outside the house.

When asked for some tips to pass along, Mrs. Shenk gave out some good advice. First of all, she said for mens wear and suits, in particular, she only ever uses one suit pattern and changes it for each new one she makes. To stay current, she visits men's stores to see the newest fashion. Usually, there will be a change of pockets or other minor detail, which an experienced seamstress can handle with little difficulty. To make her point, she showed three different suits and sportscoats made from one pattern that looked completely different because of minor alterations.

She also suggests pressing the whole time as the garment is being made.

"I press all the time," she states, and to save herself some time, she purchased an adjustable ironing board and a secretary's chair so that she justs turns in her seat and presses as she goes along.

"You wouldn't believe how much time something simple like that saves you," she exclaims.

Her final suggestion to beginning and even experienced sewers is to have patience. This is probably the best quality a sewer can have, she believes.

Besides sewing, she enjoys knitting, crocheting, cross stitching, and quilting, although she admits that she has little time to do any of these. She's also a member of the Myerstown Grace Brethren Church.

Farm Women Societies

Lancaster Co. Society 7

Lancaster County Society of Farm Women 7 met recently at the home of Mrs. George Arment, Gap.

The program was slides and comments of life in Germany by an exchange student, Carnelia Petersen, who is attending Ephrata High School and living with Mr. and Mrs. Greider.

A tribute was given to Mrs. Roy Patton, who has been with the Society for 50 years. And, Mrs. Emma Denlinger celebrated her 96th birthday.

The January meeting will be held at the home of Mrs. Edna Jean Hamasher, Ronks, on Saturday, January 8 at 2 p.m. The speaker is Donald Cairns on "Saving Energy." Hostesses are Mrs. Ella Kauffman, Mrs. Ruth Patton, Mrs. Linda Palmeri, and Mrs. Rose Heiberger.

Lancaster Co. Society 11

Farm Women Society 11 met on December 30 at the home of Mrs. Mabel Kreider with President Violet Eshleman in charge.

Twenty members and two guests answered the roll call

(Continued on Page 46)

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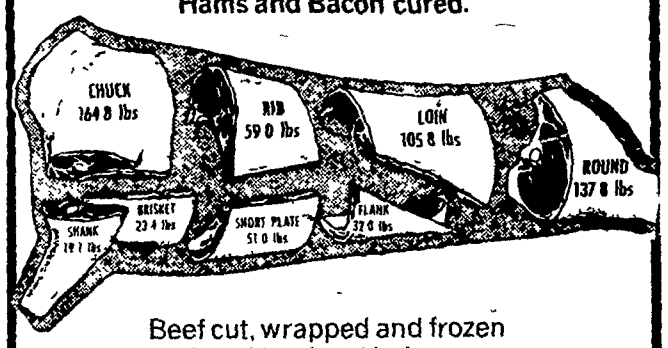

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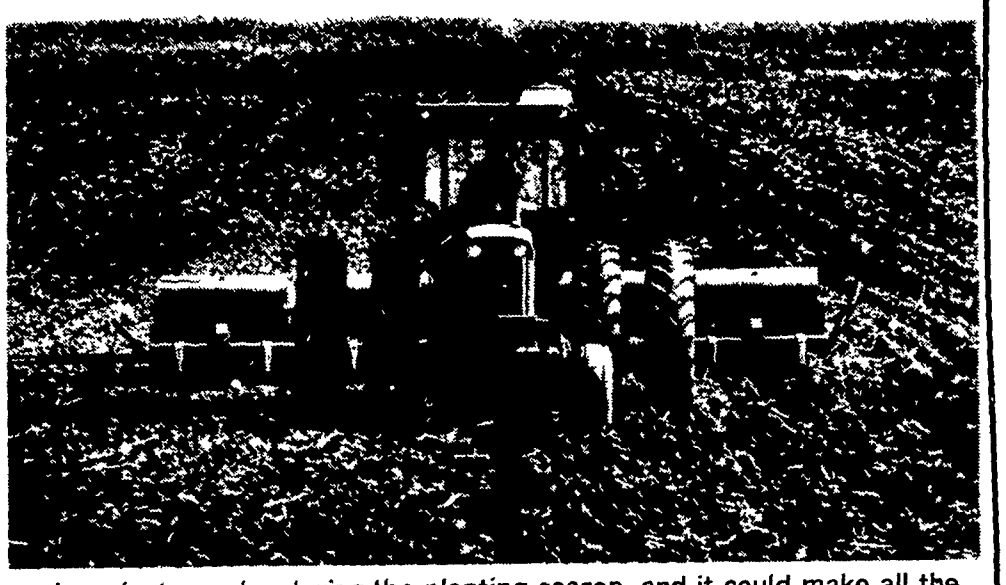

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Home ec departments to compete in window exhibit contest

HARRISBURG, Pa. - Three high school and area vocational schools' home economics departments in Lancaster Farming's prime coverage region have been selected to compete in the school window exhibit contest held in conjunction with the Pennsylvania Farm Show, January 10-14.

Premium money totaling $455 will be awarded in the 53rd annual contest. The top award is $75 and each entry will receive a cash award of at least $40.

The schools were selected by a state reviewing committee based on applications submitted by school home economics departments of FHA-HERO chapters throughout the Commonwealth.

Each exhibit must convey one central idea based on an approved method or practice in vocational education and will relate to one of the five major home economics subject matter areas which include: human development and the family; home management and family resources including consumer education; foods and nutrition; textiles and clothing; and housing and home furnishings.

The nine schools from eight counties have been certified to the Farm Show Commission by Carolyn M. Kratz, senior program specialist, Home Economics Education, Pennsylvania Department of Education. The schools, titles of the exhibits and home economics teachers in charge in Lancaster Farming's prime coverage area include: Garden Spot High School, Lancaster County, "Plant A Lasting Bouquet," Miss Elaine Barr; Halifax Area High School, Dauphin County, "New Ideas for Old Fashioned Ways,'" Mrs. Cathy Steppy; and Penn Manor High School, Lancaster County, "Follow The Litre," Mrs. Patricia Heffner.

Free course offered

SCHULYKILL HAVEN, Pa. - The Schuylkill County Cooperative Extension Service of The Pennsylvania State University in cooperation with Boscov's College of Knowledge announces a free program for homeowners on Homegrounds Care on the 27th of January from 7-9:00 p.m. at Boscov's Auditorium, Fairlane Village Mall, Route 61, St. Clair, Pa. Dr. J. Robert Nuss, horticultural specialist from Penn State University, will present the program and free lierature on homegrounds will be available.

The Homegrounds Care Program will include information on: preparations for Spring, care of trees and shrubbery, planting tips, mulching, and lawn care. The information will be geared from the formal designed yard to the yard maintained in a more natural setting. Dr. Nuss will have a slide presentation along with the program.

Any further questions should be directed to Vicki Rosario, agricultural assistant, by calling 385-3431 or writing to P.O. Box 404, Schuylkill Haven, Pa., 17972.

Farm Women Societies

(Continued from Page 45)

by each reading a Christmas greeting verse.

Secretary and treasurer reports were given and approved. Sunshine report was given and the 1977 program books distributed.

For the program Mrs. Freeda Huber gave a reading which depicted an imaginary trip from 1976 into 1977 which encouraged leaving behind "bundles" such as fears, temper, appetite, pride, nerves, conceit, then bringing into the picture some who had dropped such "bundles" and were helping others who were in need.

Santa Claus then arrived and distributed gifts.

January meeting will be at the home of Mrs. Esther Wood in Quarryville on Jan. 27, 1977.

York Co. Society 11

POTOSI, Pa. - U.S. Rep. William Goodling was the guest speaker at the annual family Christmas party of Potosi Society of Farm Women, Group 11, at St. Paul's Lutheran Church, Hametown.

"Flash Gordon," a magician from McAllisterville, performed for the society's 25 members and their families. Guests included Mrs. Naomi Bupp, county president, who is a member of the local group; Mrs. Mabel Rishel, a member of Group 1, who organized the Potosi society, and Mrs. Ethel Gross, the county's second vice president.

Ten members are planning to attend the state convention Jan. 10 at Harrisburg.

"Bylaws of the Farm Women" is the theme for the next meeting at 1 p.m. Jan. 18 at the home of Mrs. Harry Miller, Glen Rock RD2.

York Co. Society 20

SHREWSBURY, Pa. - Members of the Farm Women Society 20 of Shrewsbury gathered for their annual Christmas dinner Dec. 7 at St. John's Lutheran Church, New Freedom.

Mrs. Charles Reidt and Mrs. Harry Kinkle chaired the afternoon's program which included readings and singing for the 19 members present.

The Farm Women made and donated 26 gowns to New Windsor.

The next meeting is Jan. 11 at 1 p.m. at the home of Mrs Claudia Bailey, New Freedom.

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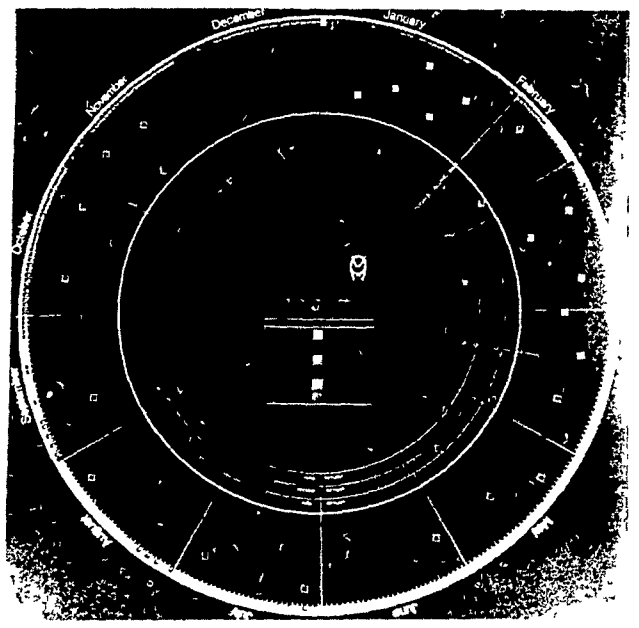

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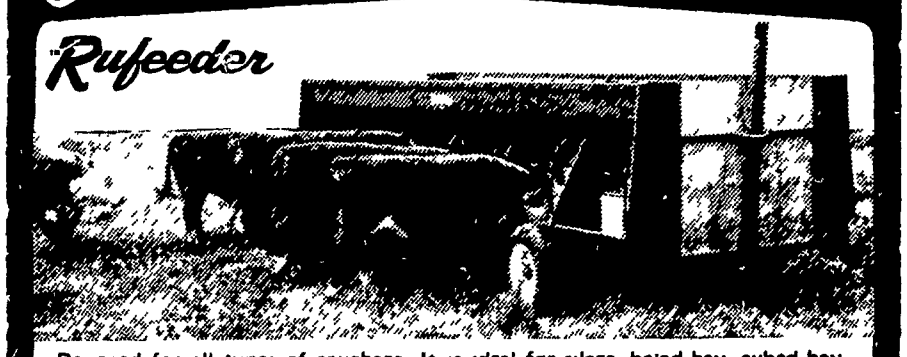

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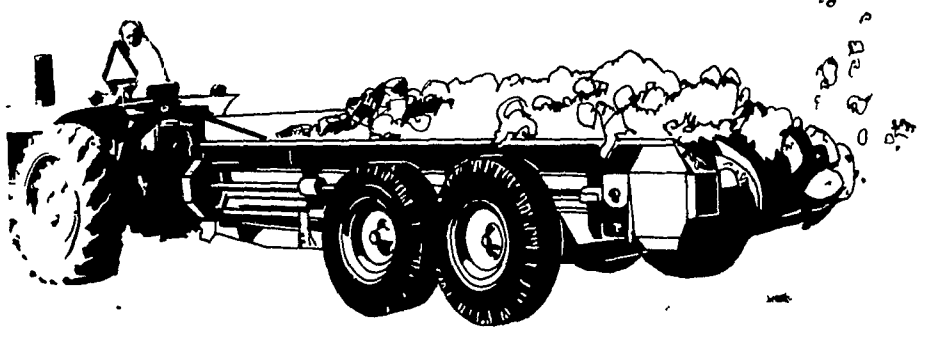

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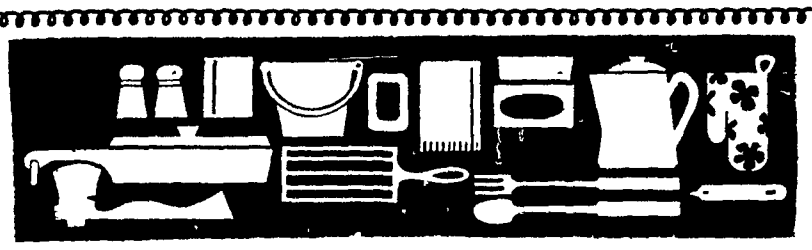


Junior Cooking Edition

Our "Junior Cooking Edition" contributors have sent us a pie recipe, a cake recipe, three cookie recipes, and a new snack to try. Sounds interesting!

For any reader who would like to contribute to this column, remember to send your name, address, box number, and father's name along with the recipe so that you can receive your potholder. A few of the latest recipes Lancaster Farming received did not have this information with them, and therefore the contributors were unable to receive the gifts we give for their work.

If you would like to send us a recipe, now is a good time, because everyone likes to bake on cold, snowy days and have delicious snacks to eat when they come in from working or playing outside.

Have a nice day.

CRUMB PIE

2 eggs
2 cups sugar
3 cups flour
½ cup butter or lard
1 cup thick milk or sweet milk
1 teaspoon cream of tartar
1 teaspoon soda

Mix sugar, flour, cream of tartar, and lard together. Then keep about one half cup of the crumbs out to put on top with coconut. Bake at 350 degrees F. for 20 to 30 minutes.

Mervin Z. Fox
Martinsburg, Pa.
Age 9

xxx

LEMON PUDDING CAKE

¾ cup sugar
Dash of salt
¼ cup all purpose flour, sifted
3 tablespoons butter or margarine, melted
1 teaspoon grated lemon peel
¼ cup lemon juice
1-½ cups milk
3 well-beaten egg yolks
3 stiffly beaten egg whites

Combine sugar, salt, and flour. Stir in melted butter, lemon peel, and juice. Combine milk and egg yolks; add to lemon mixture. Fold in egg whites. Pour into 8 x 8 x 2 inch baking pan. Place in larger pan on oven rack. Pour hot water into larger pan one inch deep. Bake in 350 degrees F. oven for 40 minutes. Serve warm or chilled. Makes nine servings.

Lena Mae Musser
Myerstown, Pa.

xxx

PARTY COOKIES

1 cup brown sugar
½ cup sugar
1 cup shortening
2 eggs
1-½ teaspoons vanilla
2-¼ cups flour
1 teaspoon soda
1 teaspoon salt
½ cup candy coated

Cream sugars, shortening, eggs, vanilla. Sift flour, soda and salt. Add to mixture. Mix well. Stir in. Drop by teaspoons on cookie sheet. Decorate with one cup chocolate candy. Bake at 375 degrees F. for 10-12 minutes.

Carolyn Musser
Myerstown, Pa.

xxx

THIMBLE COOKIES

Cream: 1 cup butter
½ cup sugar
4 egg yolks
1 teaspoon vanilla

Gradually add two cups sifted flour. Chill if necessary. Shape into balls. Using a lightly floured thimble, press a small hole in center of cookie about ¼ inch deep. Fill with strawberry jelly. Bake at 325 degrees F. for 25 minutes.

Edwina Ruth Musser
Myerstown, Pa.
Age 11

xxx

GOLDEN PEANUT SNACK

5 cups graham cracker cereal
1 cup salted peanuts
¼ cup creamy peanut butter
2 tablespoons butter or margarine
1 teaspoon cinnamon
1 cup raisins

Heat oven to 350 degrees F. Combine cereal and peanuts in large bowl. Heat peanut butter, butter and cinnamon in one quart saucepan over low heat, stirring occasionally just until blended. Pour over cereal and peanuts, stirring to coat thoroughly. Spread in ungreased baking pan, 13 x 9 x 2 inches. Bake 15 minutes, stirring occasionally. Remove from oven, stir in raisins. Spread on waxed paper. Let stand at room temperature two hours. About 6 cups snack.

Karen High
Robesonia, Pa.
Age 10

xxx

SUGAR COOKIES

½ cup shortening
½ cup sugar
1 egg
1 teaspoon vanilla

Mix above together.

1 cup and 2 tablespoons flour
¼ teaspoon baking soda
½ teaspoon salt

Sift above together and stir in first mixture. Drop from teaspoon about two inches apart on lightly greased baking sheet. Bake until light brown. Bake at 375 degrees F. for 8 to 10 minutes. Makes three dozen.

Mary High
Robesonia, Pa.
Age 7

Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

THE LOVE OF FOUR ORANGES

Oranges may be standard daily fare in many households, but now is the time to use them in fresh and very special ways. Because right now oranges are rolling into markets across the country in very heavy numbers, according to the U.S. Department of Agriculture.

Varieties available at this time of the year include Navel, Hamlin, Parson Brown and Pineapple oranges.

Navels are extra large, have a deep yellow color, and are usually seedless. They're best for out of hand eating as they're thick-skinned and easy to peel. Hamlins are of medium size, with a thin, smooth skin. They're usually seedless and especially juicy. Parson Browns are medium to large size with a pebbly skin and their orange color runs to brown. They are often tinged with green. Pineapple oranges are also medium to large with a deep orange color and known especially for their juicy sweetness.

Something new, something good and something orange for you this winter is a recipe for Orange Fruit Soup. Serve it as an appetizer or as a dessert:

ORANGE FRUIT SOUP

2 tablespoons quick-cooking tapioca
2-½ cups orange juice
2 tablespoons sugar
Dash of salt
2 cinnamon sticks
1-½ cups cut-up orange sections with juice
1 package (12 ounces) frozen sliced peaches, thawed, cut in pieces
1 banana sliced

Mix tapioca, orange juice, sugar and salt in saucepan. Let stand 5 minutes. Add cinnamon sticks. Bring to a boil over medium heat. Remove from heat; cool 20 minutes. Remove cinnamon sticks; add fruit. Heat. If desired, serve with sour cream and additional orange sections. YIELD: 8 servings.

HOW TO BUY AND CARE FOR PILLOWS

If you're planning to buy new bed pillows during the January White Sales, there are certain things you'll want to keep in mind. Pillows are available in a wide range of fillings and sizes so you should consider how you want to sleep and what size bed you have. There is no perfect bed pillow for everyone. Ideally, everyone should select his own pillow, but if you're buying pillows for your family you should check with them to find out their preferences.

Before you buy a pillow, you should test it. Pick it up and feel it with your hand to see if it is comfortable. A good pillow should be resilient and free of lumps and odors, regardless of its filling. Check the label on the pillow to see what filling it contains.

The softest and most luxurious pillows are filled entirely with down, the soft shaftless fluffs from the breasts of geese and ducks. If you prefer a firm pillow, select a pillow filled with a blend of down and feathers. The more feathers in the blend, the firmer the pillow. All feather pillows are the firmest of the natural fills. They are less expensive than all down or blended feather and down pillows, and will also provide years of comfortable sleep. Pillows are also made of polyester or foam rubber, and these tend to be firm. Down, feather and down, or feather pillows will usually outlast synthetic pillows. They are considered a good investment because they will give you restful comfort for a long time.

In addition to selecting the filling and firmness, you can also choose one of three basic sizes - standard, queen and king.

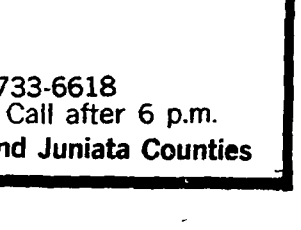
After you've purchased your pillows, fluff them daily and push the corners towards the center so that the crown stays high. This will keep them plump. One tip that will help keep your feather and down pillows fresh is to pop them into the dryer occasionally on low heat for ten minutes. This will take out the humidity and keep the pillows resilient.

To launder your pillows, check the care label for the right washing and drying instructions and follow them carefully. Laundering your pillows will renew their freshness and restore the original qualities.

If you care for your pillows properly you'll have them for many years. It makes good sense to select carefully and to buy good quality pillows. They will actually cost you less over the years because they will last longer than the less expensive ones.

Make a Toy for a Gift

Toys that allow a child to express his or her creativity are good gift suggestions. Make stuffed dolls and cartoon characters that are cuddly. Mrs. Ruth Ann Wilson, Extension clothing and textiles specialist at Penn State University, suggest selecting washable, printed fabric, cut out the printed back and front, stitch together and stuff. Use polyester fiberfill and the stuffed toy will be completely washable. For extra economy, substitute old nylons or pantyhose for stuffing. For best results, wash and shread the nylons or pantyhose first.



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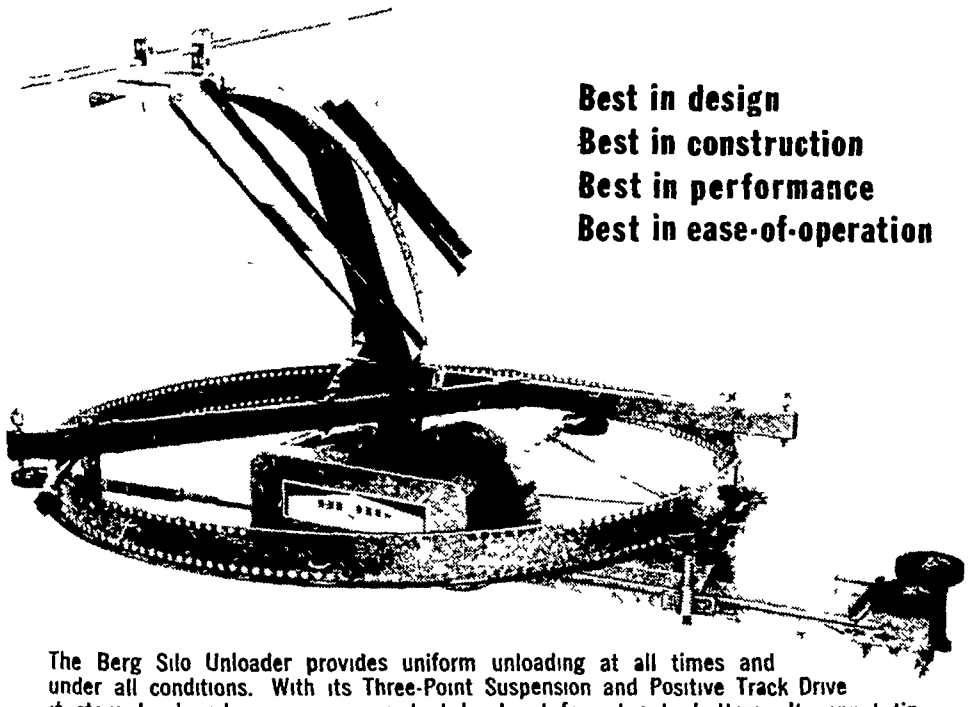

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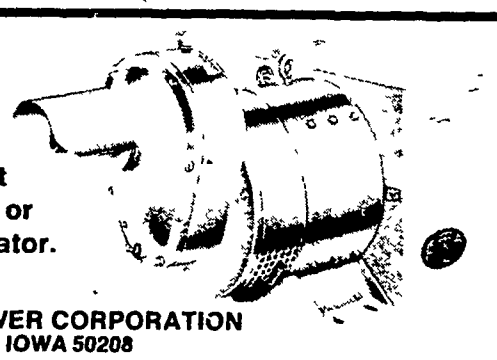

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On being a farm wife - and other hazards

- By Joyce Bupp

Question: At what age does a farm child become truly interested in the family occupation?

Answer: The first time Dad trots home from his friendly farm machinery dealer toting a toy-sized version of his favorite tractor.

But that's just the beginning. Soon the little farmers decide, just like the big farmer, that additional pieces are needed, just to do things efficiently, of course.

Santa deposited a shipment of new mini-machinery under our tree - and this house hasn't been the same since.

For instance, suddenly the old rug just inside the front door disappeared. It's been snowy outside; and that rug is the only barrier between a newly-waxed floor and the drippy snow that comes in the house, uninvited, attached to assorted pairs of shoes and boots. Following a tell-tale trail of straggly threads, the old rug was tracked down in the kitchen.

Grabbing it by a corner, I towed the rug back to its appointed spot, hoping to cover the dirty spots which had appeared after its unexpected departure.

"Mommmmmmmm!" an indignant wail in a familiar four-year-old voice assailed me. "You took my field!"

So - backtrack to the door, grab the rug, tow it back to the kitchen, return the "acreage" to its relocated position. After all, what's more important - spots on a floor or the future of a budding young farmer? I paused a moment to see what would happen.

First the corn planter was hooked to the tractor. (It must be a no-till machine; he didn't plow first) Carefully, it was towed back and forth across the striped rug, depositing the imaginary kernels. Then, out of the "field," over to the machinery storage area, which is near the refrigerator, unhook the planter, hook up the disk and travel back to the field.

"Wait a minute," I interrupted. "You're discing up the field you just planted. How do you expect it to come up?"

Wearing a "you'll never learn, will you" expression on his face, the machinery expert patiently explained, "This is a sprayer now - don't you see the spray running down here onto the ground?" He pointed a chubby finger through the disc to show this unimaginative mother.

"I wish you'd teach Dad to do that," I muttered. Visions of a diminished farm equipment investment popped into my head, as we too learned to use one piece of machinery for a dozen different jobs. Farm wives - this is an idea we must look into.

Meanwhile, excuse me. I have to go run the vacuum cleaner through the back forty.....

Sperry New Holland honors thirteen

NEW HOLLAND, Pa. - Sperry New Holland will honor 13 employees who have completed 25 years of service with the company this month.

Those being honored are: Norman Predmore, Denver R1, senior tool designer; Robert Hornberger, 822 Pleasant View Dr., Ephrata, drill press operator; Mary V. Zimmerman, Box 114, Intercourse, centrex attendent; R. H. Daugherty, 359 Sun Valley Dr., Leola, merchandising manager; and John W. Snead, 262 Brook Farms Rd., Lancaster, regional manager.

Also Alfreds Karulis, 855 Fountain Ave., Lancaster, lab test technician; H. J. Hullinger, 223 Penn Ave., Ephrata, drafting supervisor; Peter L. Sturla, Box 85, Churchtown, project engineer; L. C. Hollingsworth, 818 Diller Dr., Akron, semi-automatic welder; and Marlin Kreider, 322 N. Academy Dr., Ephrata, metallurgist.

Each will be awarded an inscribed watch or clock by the company to commemorate the anniversary.

Americans and Pickles

Americans will probably spend $569 million on pickles this year. Meanwhile, Americans will eat an average of 8.5 pounds of pickles per person this year The government and the pickle industry spend about $250,000 a year on pickle research and development

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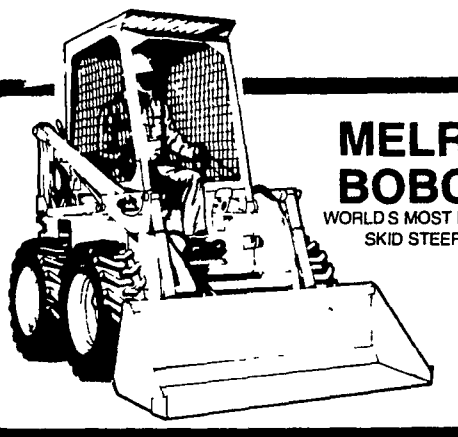

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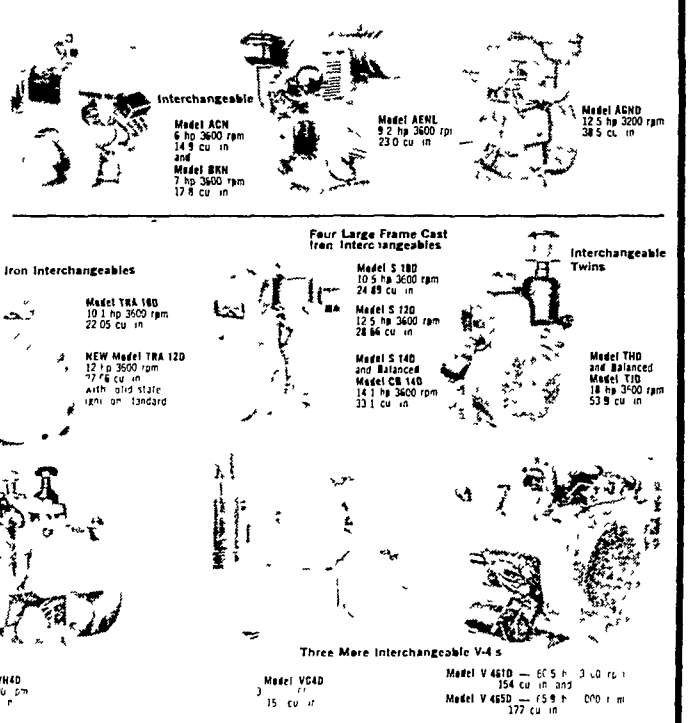

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Shirley	8889131	73-12-21	2-0	195	1	21,009	3.63	763
Mandy	8320542	72-9-22	3-5	145	1	19,648	3.94	774
Blu Bell	23AZT2234	71-5-22	3-10	305	2	19,620	3.30	648
Martha	23BCB2605	72-2-16	2-10	266	1	19,304	3.55	685
JoAnn	8320545	72-12-22	2-9	302	2	18,020	4.31	777
	23BTA7499	73-9-2	2-4	192	1	17,934	3.85	691
Beky	23BCB2613	72-6-11	3-3	305	1	17,894	3.35	600
Pat	8320544	72-8-12	3-9	181	2	17,822	3.47	619
Lorie	23BLN2669	72-6-21	3-6	250	2	17,378	3.74	650
Karen	8078198	71-8-12	4-4	279	3	17,316	4.21	729
Sarah	23BLN2517	72-10-27	3-0	271	1	16,901	3.85	650
	23BEH8298	73-8-16	2-2	277	1	16,681	3.92	654
Susie	23BCB2608	72-8-4	3-3	256	1	16,517	3.45	570
Sharon	8889136	73-8-24	2-8	185	2	16,366	3.32	543
Beula	23A2T2330	71-6-9	4-9	243	3	16,242	3.79	615
Marion	23BEH8296	73-6-5	2-0	305	1	15,852	4.33	686
Selda	8889138	74-3-12	2-2	54	1	12,562	3.44	432
	23BLN2417	72-7-12	3-2	287	1	12,534	3.65	458
	23BTA7498	73-12-3	2-1	143	1	12,057	3.21	387

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Dairy partnership gets MF award

HARRISBURG, Pa. - A Cumberland County dairy farm partnership, that last year produced nearly three million pounds of milk, this month was named recipient of a 1976 Master Farmer Award.

James B. Brymesser and Sons, of Boiling Springs R1, will receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University.

Formal award presentations will be made January 11 at a Master Farmer luncheon in Harrisburg. The Brymessers will be included into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners. The program was established in 1927.

The partnership consisting of James, the father, and sons Stanley, Stephen, and Sheldon, was formed in 1969. The four now own 191 dairy cows; 125 heifers; 70 calves; 90 dairy steers; 90 hogs; and 200 chickens. They also share six barns; 455 acres of land; and a 4-year-old free stall barn.

Dairying is the big enterprise, making up 90 percent of the farm income, but 35 years ago, James was very close to calling it quits. He and his wife, Nellie, started life together with a small farm and seven cows. Then in 1941 the dread Bang's disease hit the herd and the dairy operation was wiped out. Three years later they lost another 20 cows as a result of the disease. "Calfhood vaccination now takes care of this problem," James said.

"When we looked into incorporating at the time our partnership was formed, we didn't feel the benefits were worth the extra taxes," Stanley points out. "To handle transfer of ownership in case of death, life insurance is carried on each partner. This pays the widow or other heirs and the remaining partners increase their holdings."

The Brymesser farm partnership that won a 1976 Master Farmer Award consists of the following, from left: James, Stephen, Stanley, and Sheldon.

Any potential disagreement of values and prices are avoided by an annual appraisal of the land, buildings, cattle, and equipment by independent appraisers and the findings agreed upon by all partners.

"The operation is a team effort," says Stanley, who's in charge of field crops. Most decisions center around the dairy herd. Stephen is herdsman and Sheldon is in charge of the new calves and breeding. But all partners have a voice in all farm practices.

The new diary center is an example of team planning. In the early 1970's, the Brymessers were milking in two stanchion barns. They decided the most practical approach to save time and labor was to construct a barn with 214 free stalls, with a double row on each side of the feed bunk. A cross alley makes sorting cows into four groups practical.

They also put some heavy thought into the size of the herringbone milking parlor, too. Stephen and Sheldon are the regular milkers so they decided on a double seven milking parlor. They average 65 to 70 cows an hour with each man handling three milking units.

"The cow barn isn't filled yet, but we expect to reach 225 by 1978," Sheldon notes. "The herd is 60 per cent registered, but no discrimination is practiced. Heifer calves from good grades also are held for replacements. We have not purchased a cow or heifer from outside sources since the partnership was formed."

Recently a herd test showed an average of 14,516 pounds of milk and 558 pounds of butterfat. Every heifer is milked one lactation unless there is a problem. But each has to produce 450 pounds of butterfat to stay in the herd a second year.

Heifers are automatically grouped with the 50-pound per day plus cows the first 60 days to "give them a chance." Cows in this group are fed 15 pounds of 18 per cent flake protein ration in the parlor plus 10 pounds of a 16 per cent protein ration using homegrown barley-ground ear corn and 38 per cent soybean meal supplement on the silage.

Cows producing less than 50 pounds receive nine pounds of flakes ration in the milking parlor and four pounds of homegrown ration on the silage.

All producers get 45 pounds of corn silage or haylage after the morning milking and all the second or third cutting alfalfa they can

[Continued on Page 52]

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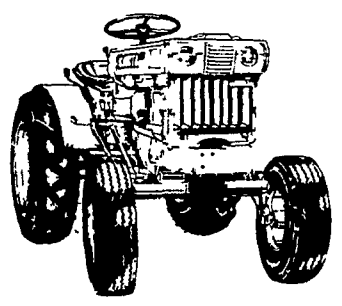
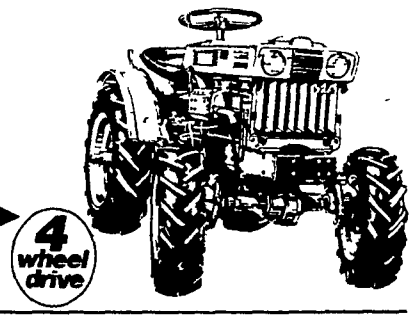
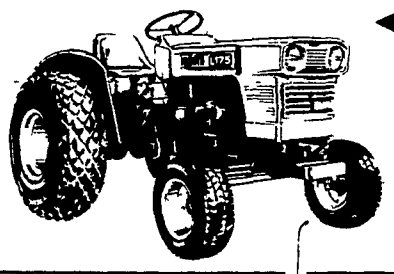


Model B6000E . . . With 35 20 cu in of diesel power, this 2-wheel drive "little tractor" can really perform

Model B6000C . . . Perfect for less than full scale farm work Powerful 35 20 cu in , 2-cylinder engine, 4-wheel drive

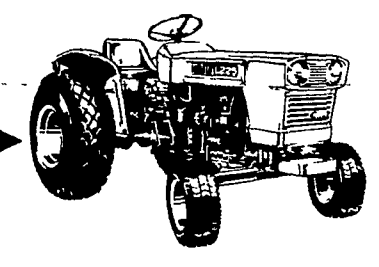


4 wheel drive

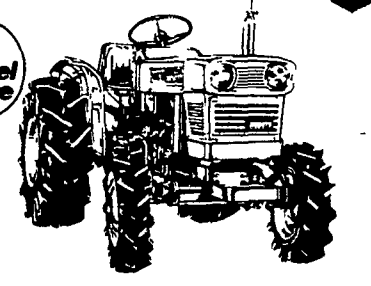


Model L175T . . . More than a garden tractor! Versatile 10-speed transmission, 8 forward and 2 reverse 17HP diesel engine

Model L225 . Rugged 24 HP, 3-cylinder diesel Takes implements for mowing, plowing, cultivating, hauling, digging, snow throwing and loading



4 wheel drive



Model L225DT . Packed with big tractor features 4-wheel drive, powerful 24 HP engine, standard 3-point hitch, 10-gear transmission, and more

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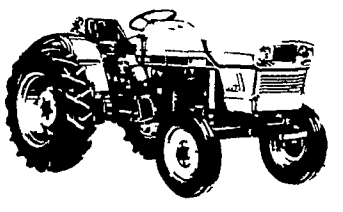

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They take honey to the Farm Show

By JOYCE BUPP
York Co. Reporter

DOVER, Pa. - High on a hill overlooking the Big Conewago Creek sits one of the sweetest farm operations in York County.

"I always did have an interest in bees," says Earl Miller, Dover R3. "When our son Thomas needed an FFA project in 1967, we decided to get the first hives."

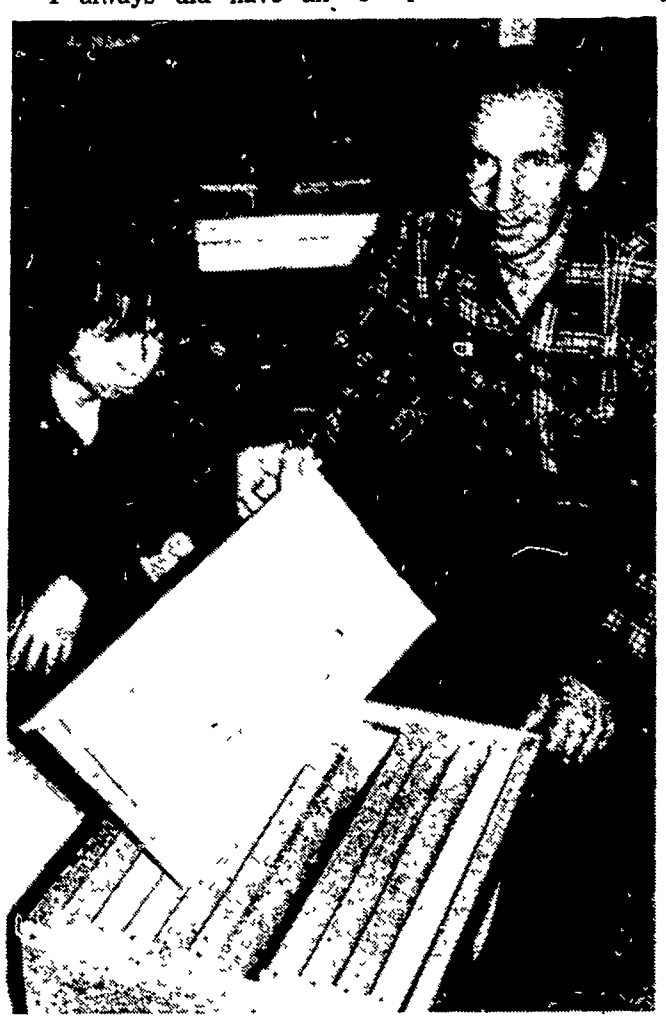
The initial beekeeping began with the purchase of a group of 15 hives. The honey from those hives went to the Farm Show in 1968 as Tom's FFA project entry.

By the time Thomas graduated from high school, his parents' interest in the beekeeping operation had become deeply-rooted. Earl continued expanding and adding more hives. In 1971, he began showing extracted honey and beeswax products in the commercial exhibition classes at the Farm Show competition.

"We won several first places and the sweepstakes award that first year," Earl explains, sorting an impressive stack of blue ribbons and rosettes. His displays placed at the top of the judges' sheets and have remained there ever since.

Miller's Apiary now totals 65 hives - and growing. Earl has collected numerous swarms of bees that have settled on trees or bushes while trying to establish their new colony. Unfortunately, the bees frequently choose to settle in undesirable places, causing problems with their human co-habitants - like in the wall of a milkhouse where Earl recently removed a swarm.

"I don't usually take swarms from buildings," adds Earl. "The bees generally establish themselves in between walls, and who wants their walls ripped apart?" To property owners who find themselves with tenants in such a spot, Earl recommends simply spraying the bees as the best way to solve the problem.



Earl Miller, right, enjoys sharing his knowledge of bees with interested youth, including his son, Nathaniel.

A check on this hive indicated that the bees will need to be moved farther down inside the structure for the rest of the winter.

An average hive of bees contains 50,000 to 60,000 bees and produces about 35 pounds of honey annually. The bees lay eggs constantly February through November, but reach their peak egg-laying in June, producing 2,000 to 3,000 eggs daily. Worker bee eggs hatch in 21 days, but the special egg cells nurturing a potential queen will mature in only 16 days.

An experienced beekeeper like Earl can look at the location of growing queen cells and determine the future plans of the bee colony. If the queen eggs are placed near the center of the comb structure, the bees are preparing to replace an aged queen bee with a successor. However, if there are several queen cells located near the outside of the colony, the group has grown too large for its quarters and is preparing to divide. The first queen to hatch will sting the remaining special cells, killing any other threats to her position. The old colony queen will usually then take a portion of the workers and depart the hive, leaving the new contender to take over.

"Top honey production from a hive is dependent on many factors," Earl explains. "The weather, the hive location and the management all make a considerable difference."

Bees need warmth to enable their tiny bodies to move about. The Millers

(Continued from Page 56)

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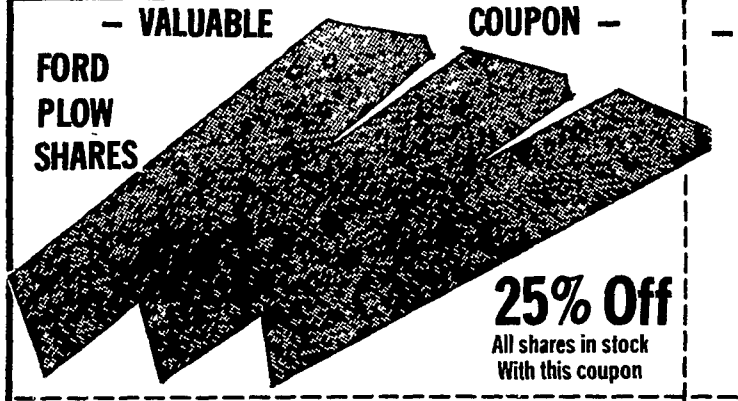
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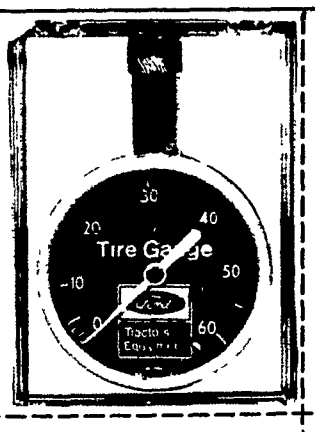

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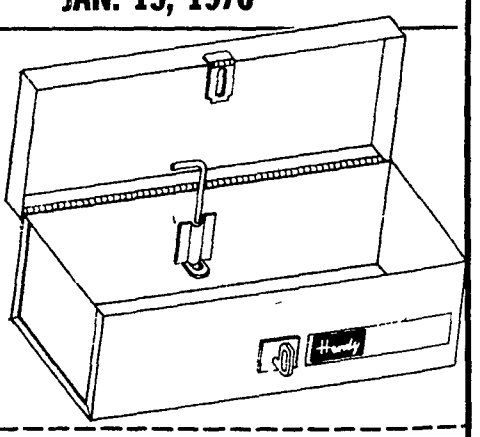

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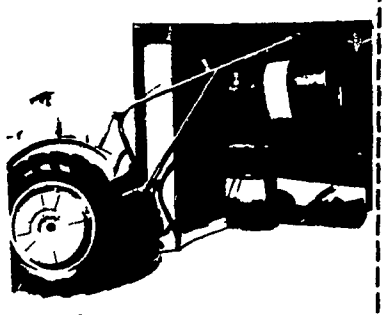

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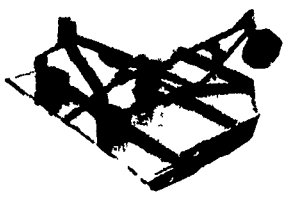
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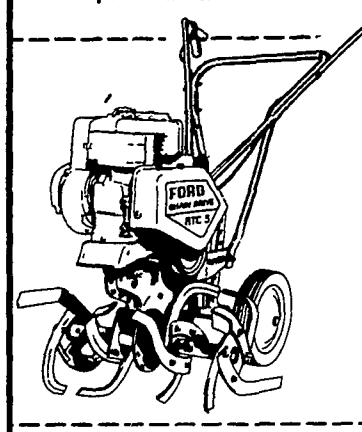

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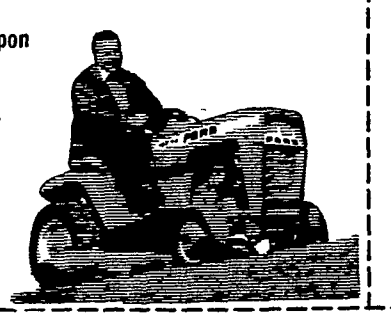

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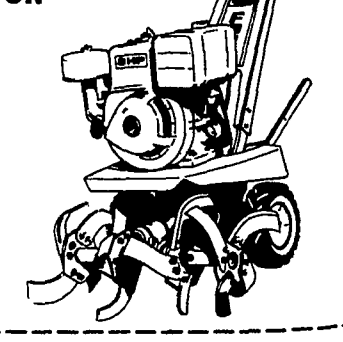

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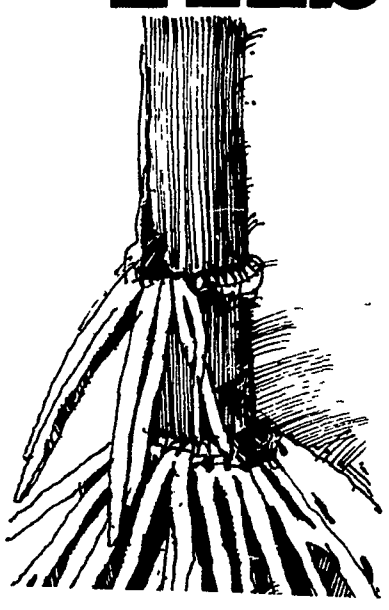

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Mike Spyker, Division Manager

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Dairy

(Continued from Page 49)

eat. Minerals are fed free choice.

"Our cows don't see much pasture," Stephen emphasizes. "There is a five acre exercise lot and each fall we seed 40 acres of corn stubble to rye for early spring pasture. Cows are turned in two hours daily while it lasts."

Calf raising is on an assembly line basis with Sheldon caring for them at the dairy center the first two weeks. Then they are moved to another calf raising barn. At six months they transfer to a third barn where they are loose-housed. At 15 months, they make their return trip to the dairy center ready for breeding.

Feeding steers is a profitable sideline with Stanley and his son, Dave, heading up this operation. They are fed out at 18 to 20 months and are sold by the quarter or half. Some 90 percent of the sales are to repeat customers.

Cows make the big money at the Brymessers but it all really starts out in the corn and alfalfa fields. The cropping program consists of 250 acres of alfalfa and timothy mixed; 283 acres of grain corn and 125 acres of silage corn; 30 acres of red clover and timothy; 70 acres of barley; and 54 acres of corn-sorghum silage. Acreage includes their own land plus 300 rented.

With their deep, well-drained valley soils and timely plantings, James and his sons average five tons of alfalfa, 100 to 110 bushels of corn, and 20-ton corn silage per acre.

Sheldon is the man "most on the go" when it comes to membership in farm and community organizations. He is president of the Cumberland County Extension Association and Cumberland Valley Adult Farmers and vice chairman of the local ASCS committee, dairy princess committee, and county plowing contest. He also ia a member of both the Monroe Township Planning Commission and Capital Region Land Use Committee.

James lists Inter-State Milk Producers Cooperative, Atlantic Breeders, and Agway among his farm organization membership. Stanley belongs to the Pennsylvania Farmers' Association; and Stephen, the Pennsylvania Holstein Association and county DHIA.

All have been active in their churches as well as various service and fraternal organizations.

Demonstration contests feature home ec dept's

HARRISBURG, Pa. - Pennsylvania Agriculture Secretary Raymond J. Kerstetter announced recently that 12 home economics teams from Pennsylvania high schools and area vocational technical schools have been selected to compete in the school demonstration contest held in conjunction with the 1977 State Farm Show.

Kerstetter reports that prize money for the contest totals $520, with $65 going to the first place winner. All other teams will receive a cash award of at least $25.

Three prizes totaling $100 will be awarded by the Pennsylvania Electric Association to the teams demonstrating the best application or use of electricity in the home.

A state committee selected the competing teams based on applications submitted by school home economics departments and FHA-HERO Chapters throughout Pennsylvania.

Miss Carolyn M. Kratz, Senior Program Specialist in Home Economics, Pennsylvania Department of Education, certified the teams to the Farm Show Commission.

The home economics demonstration teams, representing 11 counties, will meet the following schedule:

Tuesday morning, Jan. 11 - Mohawk High School, Lawrence County, "The Green Scene"; Grove City Area High School, Mercer County, "T Tops"; Halifax Area High School, Dauphin County, "Dough Art - It's Too Good To Eat"; Littlestown Area High School, Adams County, "Creations With Odds And Ends"; Western Beaver High School, Beaver County, "Crockery Cooking"; Knoch High School, Butler County, "Color Is The Thing."

Wednesday afternoon, Jan. 12 - Highlands Senior High School, Allegheny County, "Improvised Equipment For Home Care Of The Sick"; Lehighton Area High School, Carbon County, "The Big Rip Off"; Brockway Area High School, Jefferson County, "Honey In The Kitchen"; Mifflinburg High School, Union County, "Scarves"; Erie County AVTS, Erie County, "Shortcake Ala Microwave"; and Lehighton Area High School, Carbon County, "The Bubble."

Know Where the Activities Will Be? Read the Farm Women Calendar.

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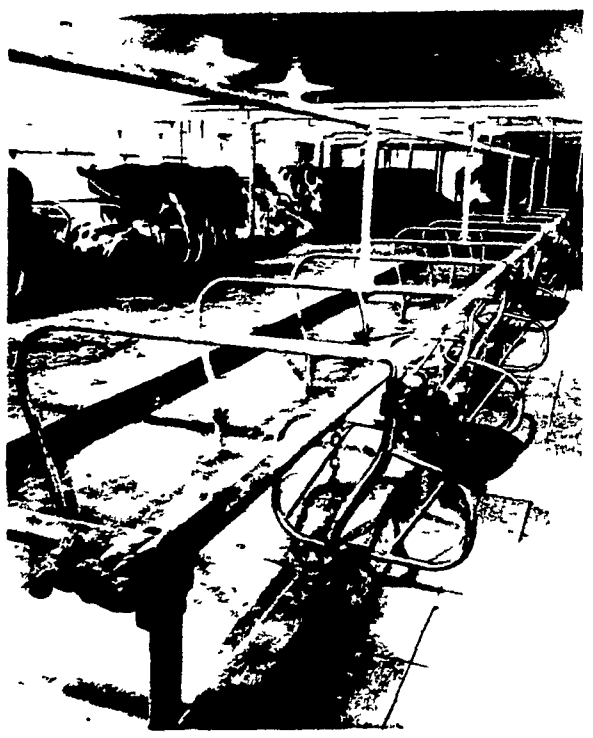
New Calf Mineral Bowls
For Individual Feeding



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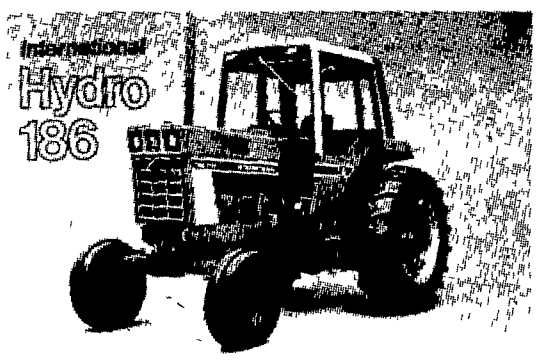
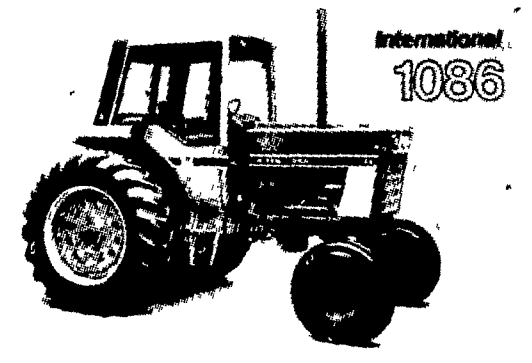
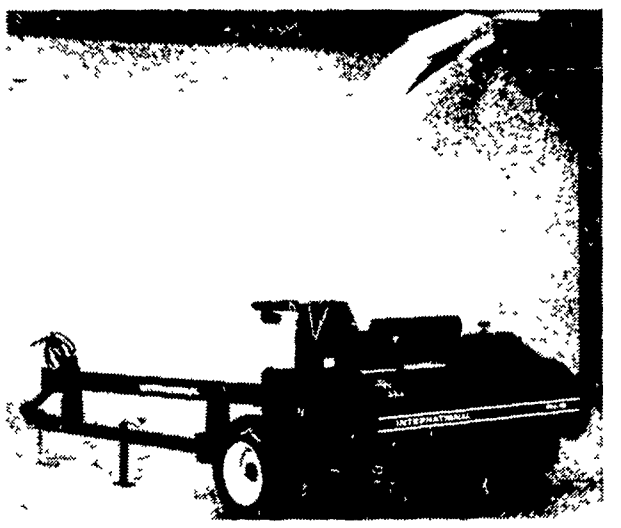


This year International Harvester will have one of the largest displays ever exhibited in recent years.

See the 86 Series Tractors including the 4586 will be featured. Also featured are a new Forage Harvester 400 Planter with POSI-DEPTH, new Tillage Equipment and new for '77 Model 284 Tractor. Also, cadets and equipment for your lawn care.



THE PRO-AG LINE 86 SERIES TRACTORS
85 TO 160 HORSEPOWER CLASS



NEW 720 & 830 FORAGE HARVESTER

See the "Old Sheriff" broadcast live from a 4586 tractor control center at the IH display daily 3:00 PM to 6:00 PM. WGCB-FM, Red Lion station featuring Blue Grass Gospel music.

BE SURE TO VISIT THE BIG DISPLAY IN THE SHOWROOM DIRECTLY ACROSS THE STREET.

Be sure to tune in at 96.1 on your FM dial. Learn all about the 1977 Farm Show.

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Family has seven Master Farmers

HARRISBURG, Pa. - Stoner's Hijos Hill, Inc., of Mercersburg R2, will receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University. John R. Stoner, president of the corporation, will accept the award in behalf of the six other partners. They produce in the neighborhood of 3½ million pounds of milk per year.

Formal award presentations will be made January 11 at a Master Farmer luncheon here. The Stoners will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners. The program was established in 1927.

Statistics can overwhelm any visitor to the farm. It consists of seven farmhouses, 479 Holstein cows and heifers, and 735 crop acres. Alfalfa production averages eight tons per acre and corn, 140 bushels.

"I can't explain the close-knit relationship of the sons," Mrs. Carrie Stoner said. "We never had much. The boys' grandfather lost the farm during the depression and the family rented until they bought the home farm in 1946."

The boys had their school sports but were always expected to do their part, she recalls. Along the way they acquired a love for cattle and crop work. All of them farm today. Only William, Jr., isn't home. He farms with a brother-in-law near St. Thomas. A daughter, Patricia, is married and a school teacher in Chambersburg.

John, at 43, the oldest and a graduate of Gettysburg College, is president and general manager. Jay, 37, looks after the heifers and calves. Gene, 34, heads up crop work. Herb, 31, is in charge of machinery. Bob, 28, is herdsman and resident artificial insemination technician, and Dave, 21, works with crop production. Mrs. Carrie Stoner is secretary-treasurer and bookkeeper.

This proliferation of Stoners explains the "mad dash" to acquire more acres and more cows. Their father bought the original 220 acres in 1946. A 20-acre farm was added in 1951, 65 acres in 1959, 100 acres in 1965, and 225 acres in 1973. The last 125 acres had been lost in 1930 for failure to pay taxes. In 1973, Stoner's Hijos Hill paid $125,000 to get it back into the family.

Cow numbers have gone from 152 in 1966 to 240 today. And milk production has kept pace, rising from about 12,000 pounds per cow a decade ago to more than 15,000 pounds this past year

"Good nutrition plays a part in our successful breeding program," John points out. "The cows receive homegrown feed including alfalfa, ear corn and high moisture corn, and haylage. Cows are divided into three groups and fed according to recommendations provided by a data service."

The Stoners like to raise all replacements. The last cow they bought was at the 1974 Franklin County Holstein Sale. Their goal is 300 cows which means an investment of 50 additional free stalls. They already have a double-eight herringbone milking parlor and a 3,000-gallon milk tank.

The Master Farmer Award winners also make a reputation in alfalfa production. In 1974 they won the State Grassland Award for their forage cropping program.

All alfalfa follows corn in the crop rotation and is seeded in the spring. They depend on the mower to control weeds at first cuttings. After that, fields prove fairly weed free.

They fit barley into their rotations as a bonus crop. Barley follows corn then they plant a medium season corn in the stubble. In one field it has given them a bonus of seven barley crops in 15 years without missing a corn crop.

Big acreage means big machines but the brothers hold down per acre costs and fully utilize labor by contracting 1,500 acres of custom work annually. Some 60 acres of corn goes into silos; the balance is shelled. But even with 140 bushel yields in 1975, the Stoners ran short of high moisture corn this past August.

John, as president and general manager, represents the corporation in farm and civic organizations. This includes the Franklin County Farmers' Association where he served as vice president and director; also a vice president and director of the Franklin County Extension Association; and such other organizations as the Farmers Home Administration, local Dairy Herd Improvement Association, FFA Advisory Council, 4-H Dairy Club leader; Masonic Lodge; and Bear Valley Water Association.

The entire family is a member of the St. Stephen's Church in Upton. Despite all the able-bodied hands on the farm, Carrie Stoner still gets up each morning at 5:30 to feed the calves.

case

Master Farmer Award winners at Stoner's Hijos Hill, Inc., from left are: David D. Stoner, John R. Stoner, Jay W. Stoner, Carrie Stoner, Herbert L. Stoner, R. Gene Stoner, and Robert H. Stoner.

Agway PRO:RIGHT™ A new feed for high-producing herds

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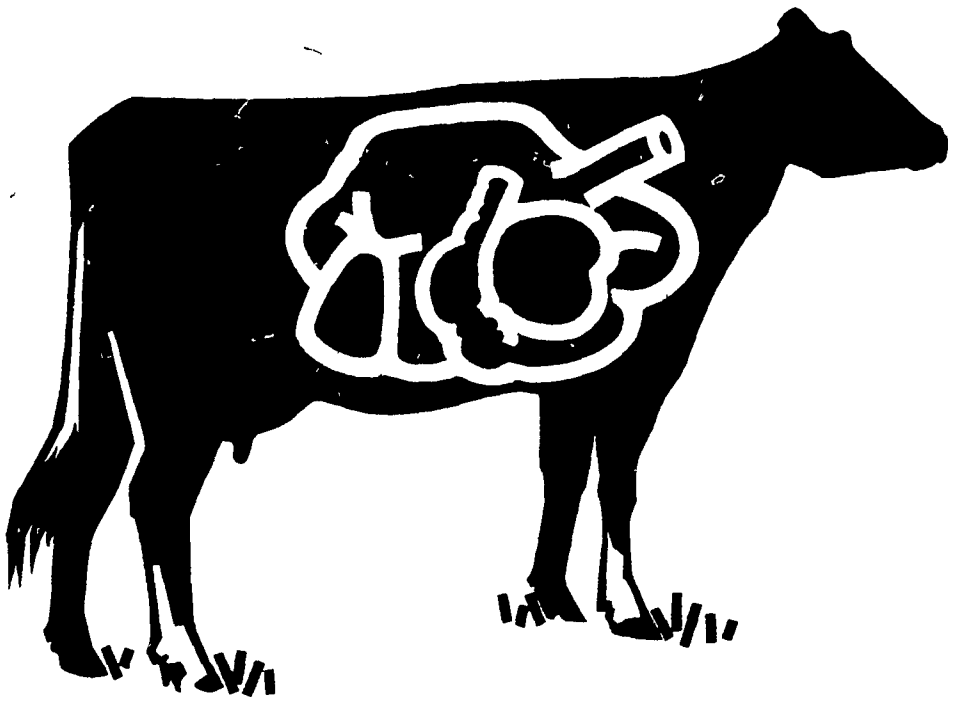
Your Dairy Enterprise Service Person has full details on PRO:RIGHT. Contact him through your local Agway.

FARM ENTERPRISE SERVICE

AGWAY

Maximum performance of PRO.RIGHT Feeds is contingent upon use with Total Dairy Ration Profile (TDR), available only from Agway.

*Patent Pending

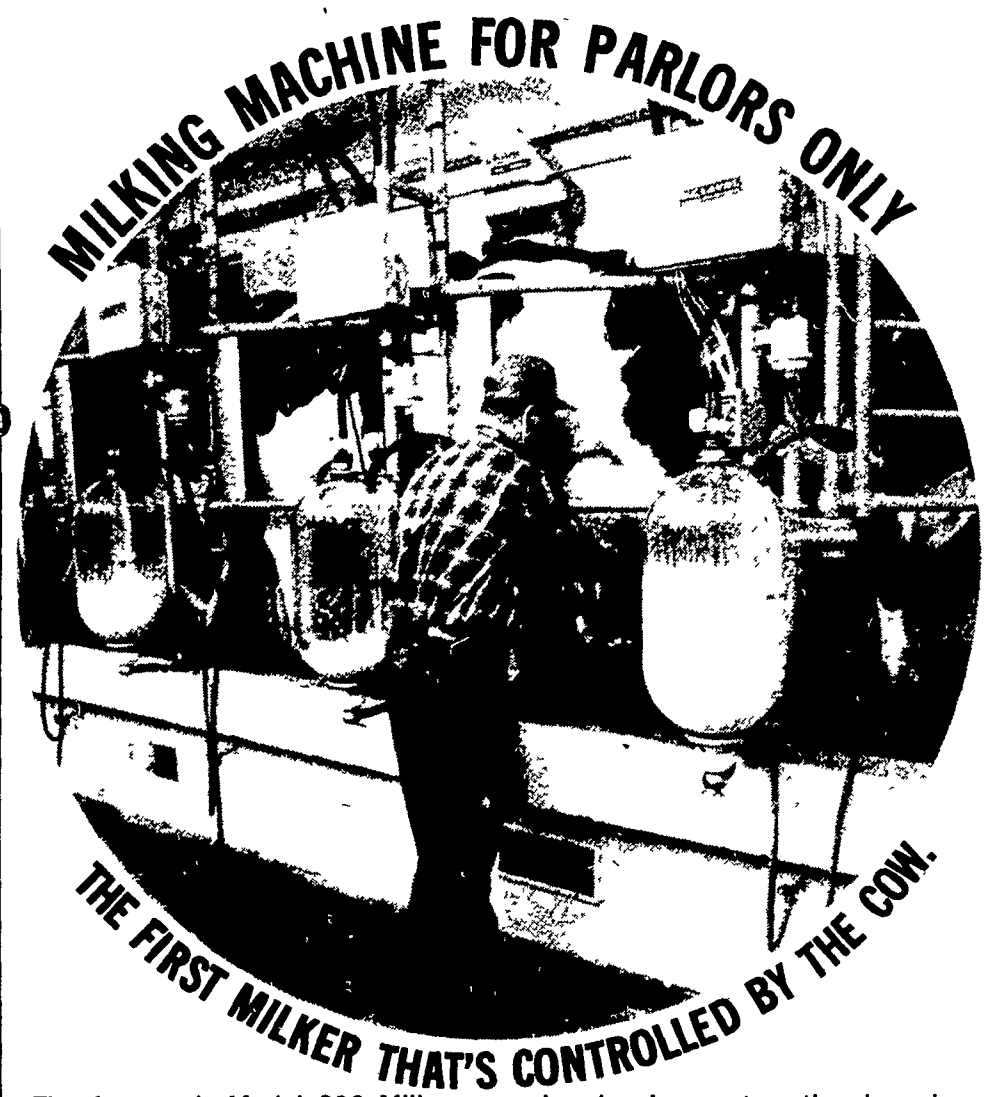


DE LAVAL

DEPENDABILITY

DE LAVAL

MODEL 200 AUTOMATIC



The Automatic Model 200 Milker, a major development in the dairy industry, is the first milker that is controlled by the cow. When the cow is ready, the machine begins to milk and an indicator light goes on to tell the operator that it is milking. The Model 200 automatically stops milking when the cow is through. The indicator light will then go out telling the operator that the cow is milked out.

The DeLaval Compact Combine can keep you in dairying.

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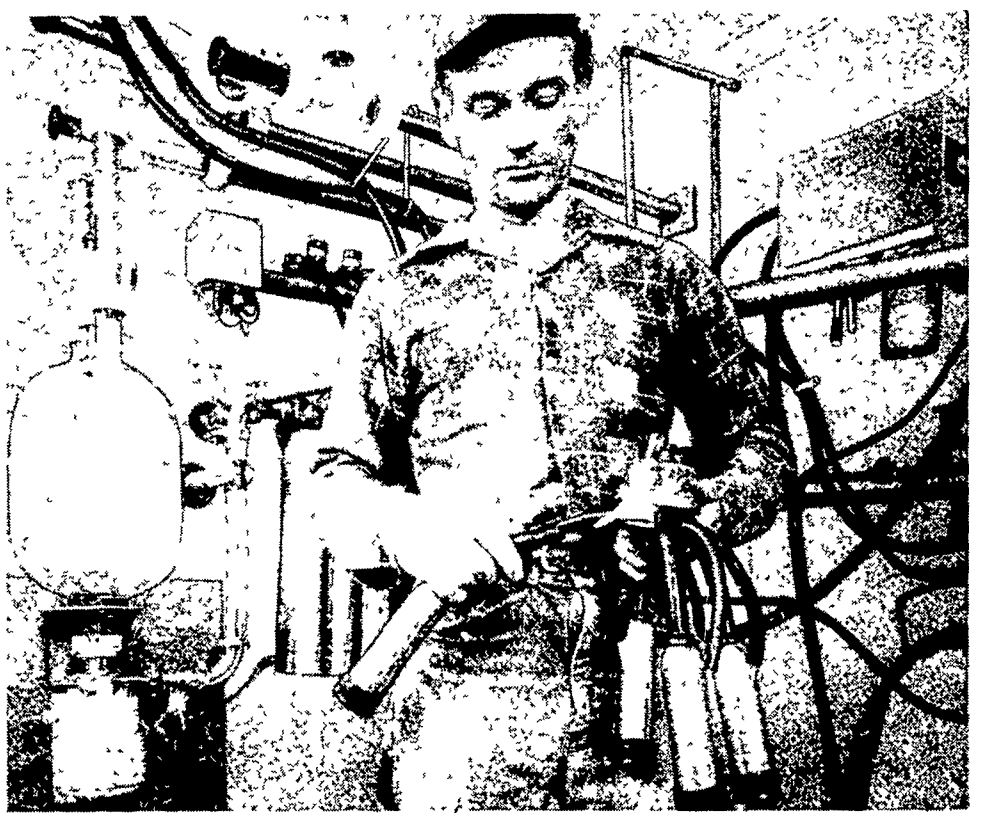

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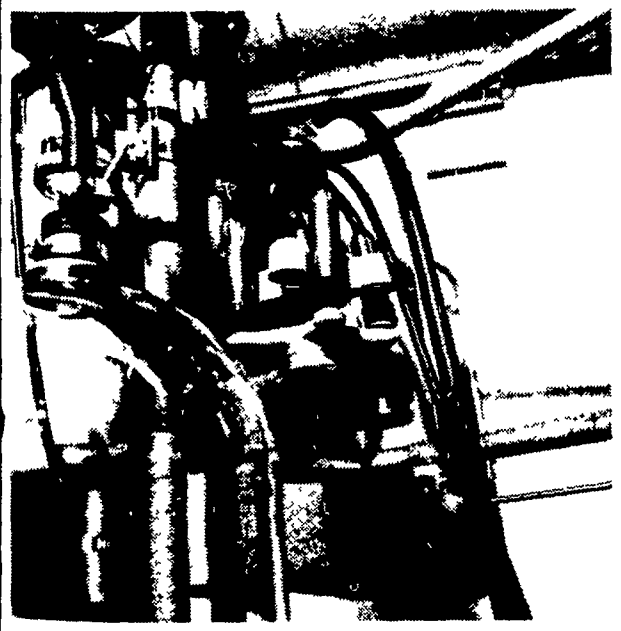

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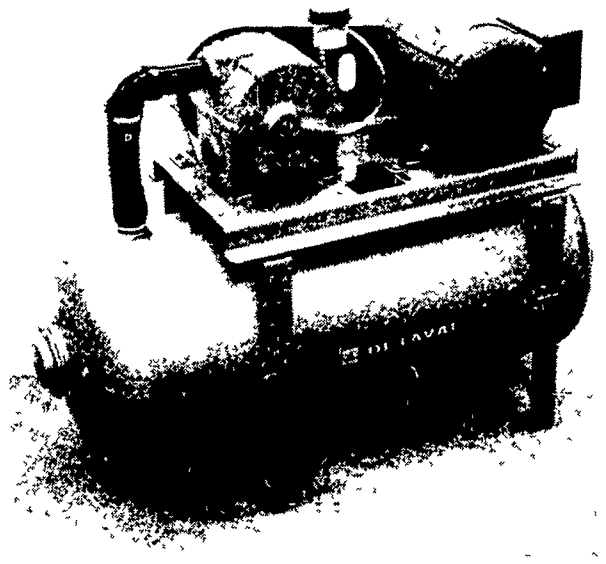

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STOP BY OUR BOOTH NO.'S 489 - 500 AT THE PA FARM SHOW JAN. 10 - 14

Earl Miller creates these nativity figures from an unusual material - beeswax!

They take honey

[Continued from Page 50]

recommend locating hives on the south side of a hill and protecting them with windbreaks during severe winter weather. Mother Nature's best gift to a bee colony is a warm day every two weeks during cold weather. They can then move about enough within the hive to get to fresh stores of honey in the combs. To emphasize how important weather can be to a beekeeper, Earl related one example of an apiary in northern Pennsylvania which lost 1200 hives of bees after eight weeks of extremely severe cold a few years ago.

This past year, the Millers experienced excellent production from their hives, averaging about 100 pounds each of the sweet golden liquid. They credit their location near the northern mountainous areas of the county as being a real factor in these tremendous yields.

"You don't get good honey production where everything is cultivated - you need wild plants," emphasizes Earl. He feels sure that the largest nectar-producting source in his area is the tulip poplar tree. Other plants in this section popular with the bees are sumac and wild berries.

Experienced beeekeepers can identify plant nectar sources by the color of the finished honey.

"If the honey has a reddish tint, or glow, it's probably from the tulip poplar," illustrates Earl, holding a container displaying this characteristic up to the light. "Locust trees make a light honey, and clover is slightly darker." Because of the large variety of plants that grow and bloom together in the Miller's area, their honey is mostly the blended variety.

"A hive will only work one kind of flower at a time, though," points out Earl. Bees probably do not have a favorite flower, but instead instinctively choose to work the blooms that are the most desirable and produce the most nectar at that time.

Retail sales of their apiary products is an important part of the Miller's operation. They have tended a stand at Central Market in York since 1950, selling fresh-cut flowers and home-raised vegetables in season. Honey sales were added after the first FFA hives were extracted in 1967.

The Pennsylvania Open Air Farm Market Association has offered another outlet for sales since it opened two years ago. Earl was one of the original participants in this tail-gate market, held during the summer months on the parking lot of the Farm Show Building.

In addition to selling extracted honey, the Miller's mold decorative beeswax products. They are becoming widely recognized for designing wax nativity sets, molded in plaster-of-paris molds. The delicate figurines have found homes all over the United States; and one set was just sent to England. And, somewhere between the honey extracting and the wax molding, Earl and Eleanora Miller have found time to design over 600 fresh evergreen wreaths this year for the holiday market.

Sharing their knowledge of bees with others has led the Millers to become active in related organizations. Earl has served as president of the York County Beekeepers Association, which numbers nearly 100 members. Eleanora has been secretary-treasurer for the organization, which will host a statewide picnic this summer.

The Miller's son Nathaniel, youngest of their five children, is a sixth grader in the Dover area schools. Continuing the family interest in bees, Nathaniel is a third-year member of the York County 4-H Beekeepers Club. Earl works with the youngsters as an adult advisor in the program.

Eleanora Miller is an avid fan of baking with honey. She favors the moistness that honey lends to baked products, and substitutes it for white sugar.

"Thre-fourths of a cup of honey will sweeten equal to one cup of white sugar," explains Eleanora, offering a container filled with plump, soft chocolate chip cookies. "Of course, the liquid in cake recipes must be decreased slightly, and more flour should be added to cookie recipes."

The Millers are eagerly anticipating competition at the 1977 Farm Show honey displays - and it looks like another blue ribbon year.

New beef head named

DALLAS, Tex. - Meeting in its annual membership session, the U.S. Beef Breeds Council elected Dr. J. W. Gossett, executive vice president of American-International Charolais Assn. of Houston, its president for 1977. He succeeds Orville Sweet, executive vice president of the American Polled Hereford Assn.

Other officers elected were H.H. 'Hop' Dickinson, American Hereford Assn., Kansas City, vice president: and Roy Lilley, International Brangus Breeders Assn., San Antonio, secretary.

The council, composed of major established beef breeds in the U.S., is composed of registries representing the Angus, Hereford, Polled Hereford, Brangus, Brahman, Charolais, Shorthorn, Santa Gertrudis and Red Angus breeds.

Because of the severe economic depression of the entire beef industry the council approved actions insisting that meat import quotas be strictly enforced in preference to voluntary limitations by exporting countries. The council also urged that loopholes or circumvention of the 1964 Meat Import Act be eliminated.

Viatl concern was expressed over proposed new USDA feeder cattle grades that could become blue prints for the commercial industry. Efforts will be made to gather the best research information available to provide guidelines for the council on the matter.

'Super Charge' proven at ABS

DEFOREST, Wis. - Will-Pond Prems Super Charge has successfully graduated from the extensive Progeny Test Program at American Breeders Service, headquartered here.

Super Charge was bred by Robert M. Lewis of New Milford, Pennsylvania. He is sired by former ABS sire H1879 Westside A B Seaman, VG (86), whose USDA proof of May, 1976 is +$120, +1,550M and +42BF.

Super Charge's dam, Will-Pond Dawn Prem, VG (86), has produced three records over 21,000M.

Record cited

PETERBOROUGH, N.H. - Burkes Taverns Emorys Dottie a 13 year old registered Guernsey cow, owned by Raymond F. Witmer, Penn-Del Farm, Willow Street, Pa. has completed an official DHIR actual production record of 18,250 pounds of milk and 671 pounds of butterfat, in 305 days on twice a day milking, according to The American Guernsey Cattle Club.

The testing was supervised by Pennsylvania State University, University Park.

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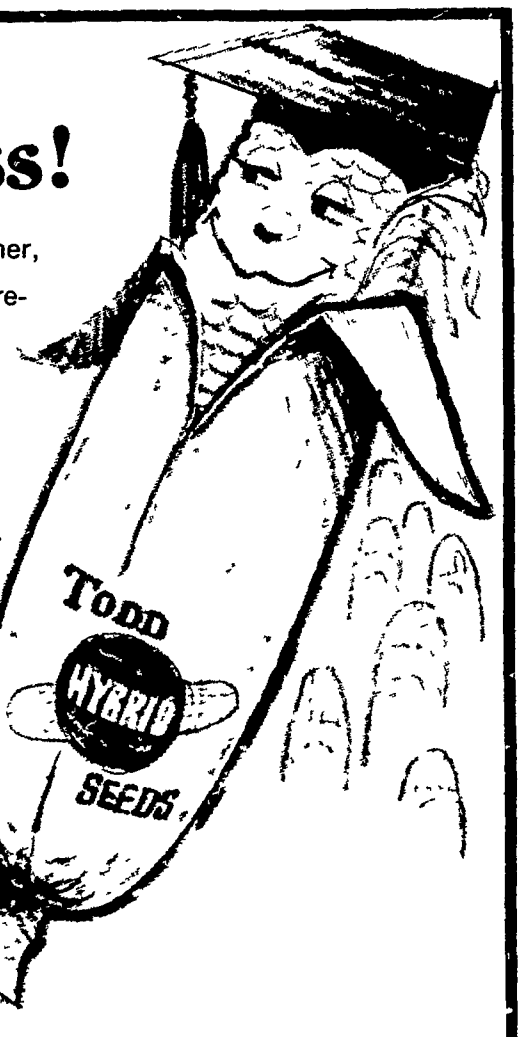

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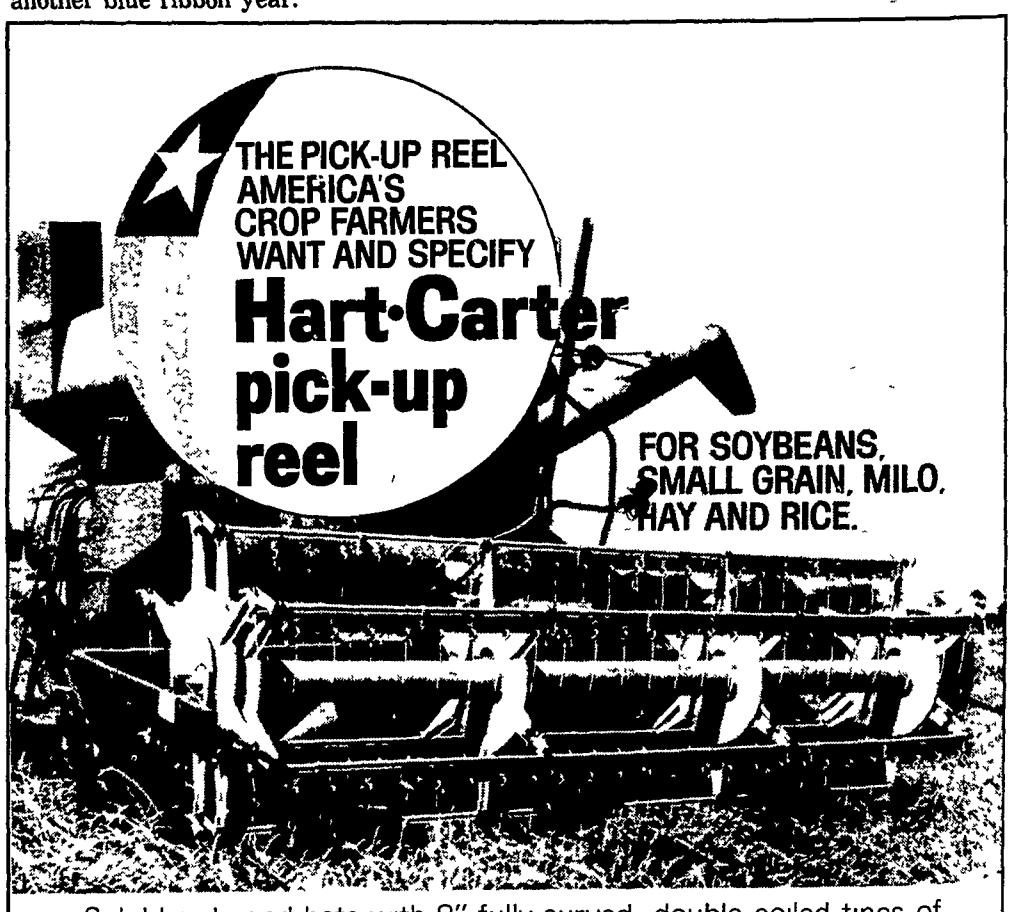
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Sale Register

SAT. JAN. 8 - 10:30 A.M. White Farm Dispersal at Bradford, N.Y., Rte. 226 out of Savona, 15 mi. from Bath and 20 from Corning or Lawrenceville, Pa. Sale conducted by Rumsey Sales, Bath, N.Y.

TUES. JAN. 11 - 7 P.M. Complete Milking Herd of Ralph and Woodrow Turner, 37 Holstein Cows, to be held in the Dairy Sales Barn of Harry Rudnick and Sons, Inc., Galena, Md. Other consignments also.

TUES. JAN. 11 - 6 P.M. Public Auction of Furniture, Glassware, Appliances, etc. at the Farmersville Auction located at Farmersville, 3 miles East of Brownstown, Lancaster Co. Sale by John J. Rutt.

THURS. JAN. 13 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler, Auctioneer.

FRI. JAN. 14 - Public Sale at Gap Auction located off Route 41 - Lancaster Ave. opposite Turkey Hill Minit Market-cross RR Bridge. Antiques sold at every auction. Ira Stoltzfus and Son, Auctioneers.

TUES. JAN. 18 - 7 P.M. Special Consignment Sale of Holstein Cows to be held in the Dairy Sales Barn at the Harry Rudnick & Sons, Inc., Galena, Md.

FRI. JAN. 28 - 12 Noon Public Sale of Livestock and Farm Equipment located between Rte. 30 and Rte. 340 in the Village of Ronks, Lancaster County, Pa. Terms by Simeon Z. Stoltzfus Estate. A Diffenbach's, Aucts.

THURS. JAN. 20 - 10:30 A.M. Johnsholm Complete Holstein Dispersal located at the farm in Somerset County, 20 miles north of Somerset or 10 miles south of Johnstown, off Rt. 403 at the light in Davidsville, 60 miles southeast of Pittsburgh. Sale by Johnsholm Farm, Joseph M. Johns, Owner; Merle Mishler and J. O. Fenstermaker, Auctioneer and Sales Managers.

Sale Register

SAT. FEB. 12 - 10:30 A.M. Special Horse Sale at the Danville Livestock Market, located old Rt. 11, Danville, Pa. Owner: Melvin M. Lehman.

SAT. FEB. 12 - 10 A.M. Antique Sale at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler, Auctioneer.

SAT. FEB. 26 - 10 A.M. Public Sale of Livestock and Farm Equipment located 3 miles Northeast of Rte. 30, from Vintage just East of Byertown, Lancaster County, Pa. Sale by Christ K. King; A. Diffenbach's, Aucts.

SAT. FEB. 26 - 10:00 A.M. Sharp. Public Sale of Farm Machinery, 45 Heifers, Registered & Grades. Located along Route 272, 3 miles South of Buck or 16 miles South of Lancaster. Sale by Clair & Betty Maye Kreider. Auctioneers - Lloyd H. Kreider, Everett Kreider & Randal Kline.

SAT. MAR. 5 - Public Sale of Farm Equipment and Etc. Located 8 miles Northwest of Reading, 1 mile North of Route 183 along Plum Creek Road. Harry M. Gehris Est. Bixler and Kramer, Auctioneers

SAT. MAR. 12 - Public Sale of Farm Equipment and Etc. Located along Sheidy Road, ½ mile South of Route 183, between Bernville and Mt. Pleasant. Sale for Allen N. Speicher. Bixler and Kramer, Auctioneers

SAT. MAR. 26 - Public Sale of Farm Equipment and Etc. Located in the village of Brownsville. Sale by William I. Heffner. Bixler and Kramer, Auctioneers

SAT. MAR. 26 - 12:30 p.m. - Public Sale of Full Line of Modern Farm Equipment located 7 miles East of Quarryville, 3 miles Northwest of Oxford near Roney's Corner. Sale by John Lindsey; A. Diffenbach's, Aucts.

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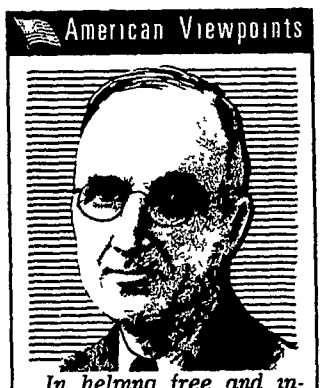

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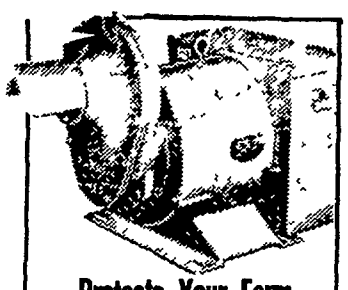

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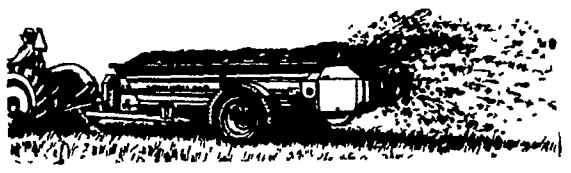

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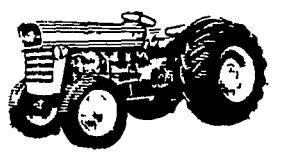

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Wayne Calfnip saves two ways! First, it costs less. Second, it produces a good calf with substantial savings over whole milk feeding. Many millions of calves have been raised successfully and economically on Wayne Calfnip. Today's Calfnip is better than ever before as the result of continuing research developments.

Calfnip is high in milk products with all milk protein. Antibiotic fortification as well as high vitamin levels give optimum growth and performance under stress conditions. High energy comes from 10% quality animal fat in dispersible form.

Smooth, glossy hair coats, growthy calves, less digestive upset and ease of feeding are a few more reasons for the wide acceptance and popularity of this outstanding milk replacer.

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TTSTOWN FARM & HOME CENTER
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Pottstown, PA 19464 215-323-6400

VAN-MAR FEEDS, INC.
West on Miller St. Shoemakersville, PA
(215) 926-2121 or (215) 926-1230

STEVENS FEED MILL, INC.
ens, PA 17578 215-267-2150

BATZ FEED & SUPPLY
RD1, Richland, PA 17087 717-933-8168

JE' MAR FARM SUPPLY, INC.
Lawn, PA 717-964-3444

SWATARA CREEK MILLS, INC.
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WAYNE FEEDS OF WHITEHALL
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Whitehall, MD 21161 301-329-2171

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WAYNE PRO-MIX

New, economical Wayne Pro-Mix, fed wet or dry, provides complete and balanced nutrition for your dog.

Farm Equipment

MF Massey Ferguson

USED EQUIPMENT
A.C. SOLD Tractor
M-F 165 tractor with low hours
M-F Super 90 tractor with re-built power train
M.M. 445 Tractor
A-C D14 tractor with loader
NI Super chopper
A-C Gleaner A combine with 12 foot head with hume reel
150 bushel Grain-o-vator bin

Check our special prices on these good used disc harrows:
IH 470 disc harrow
IH 350 disc harrow
Oliver 11 ft.
Frick 12 ft.
JD 8 ft.

NISSLEY FARM SERVICE
Washington Boro, PA
717-285-4844

Used Gehl Model 600 Harvester w-in-head knife sharpener, 2-row narrow corn head.
Used 710 Uni Combine w-711 Header
Used N.H. Hopper Blower
Used J.D. Grain Drill 16 x 7
Used Century Sprayers
Used Grain-o-vator series 20 4 wheel cart w-feed blower.
Used 1400 Hesston Manure Spreader (used only 8 mos.)
Used 9 Tooth Glencoe Soil Saver
Used N.I. Model 214 & 217 Spreaders (200 bu.)
Other good used spreaders
New Gehl Blender Box
New Gehl Flail Choppers in stock.
New Brillion & Bush Hog Chisel Plows
New Brillion & Glencoe Field Cultivators

PALOMINO BALER TWINE
$10.50 per bale
If received & paid by Jan. 10, 1977.

Waiver of Finance on New Hesston and New Idea Hay Equipment til May 1, 1977

UMBERGER'S MILL
New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon (Fontana)
Phone 717-867-5161

Farm Equipment

TRACTORS
A.C. D17, D19, WD45, 210, 185
IH 606, 460, 544
J.D. 2010
GRUMELLI FARM SERVICE
Quarryville
Phone 786-7318

WHITE Farm Equipment

USED TRACTORS
Oliver 1850 Diesel, WF, PS
Oliver 1755 Diesel, NF, PS
Oliver 880 Gas, 3 Pt. PS
Oliver 550 Gas Utility, PS
Oliver 77 Gas
Oliver 66 Gas
Ford 5000 Diesel, 1975 Model 480 Hrs., Dual Power

OLIVER 1250 GAS UTILITY
Complete Overhaul w/Sauder D2 Loader
SPECIAL $3,250.00

NEW EQUIPMENT
White 2-50 Diesel Tractor
White 2-60 Diesel Tractor
White 2-85 Diesel Tractor
White 252 Disc Harrow 10'4"
White 252 Disc Harrow 12'8"
White 253 Disc Harrow 13'7"
White 283 Sp Harrow 12'6"
White 543 Corn Planter 4R
White 543 Corn Planter 6R
White 5400 Corn Planter 4R
Bush Hog 1432 Disc 10'3"
Bush Hog 1439 Disc 12'2"
Bush Hog 8' 3 pt. Chisel Plow
Brillion 7' 3 pt Chisel Plow
Brillion 9' 3 pt Chisel Plow
Brillion 10' 3 pt Chisel Plow
Brillion 16' Transport Harrow
Brillion 8' Cultipacker
Brillion 10' Cultipacker
Brillion 11' Cultipacker
Brillion 12' Cultipacker
Vicon 3 pt Fert Spreaders
Glencoe Soil Saver 7 tooth

USED EQUIPMENT
Oliver 242 Disc 12' 8", 40 Disc & 7½" Spacing
Oliver 242 Disc 13', 44 Disc & 7½" Spacing
White 265 Disc 13'3", 11" spacing w/levelers
Ford 204 Disc 10' 3"
White 3242 2B 16" 3 pt Plow
Oliver 565 4B 14" Cush Trip Semi-mtd Plow
Oliver 565 4B 16" Cush Trip Semi-mtd. Plow
Oliver 568 5B 16" Hyd Reset Semi-mtd Plow
Sauders D2 Manure Loader
Oliver 3 pt 2-R Cultiavtor

FARMERSVILLE EQUIPMENT, INC.
RD2, Ephrata, Pa.
717-354-4271
Store Hours:
Daily 7 30 5 30
Sat 7 30 3 00

TRACTORS
J.D. 4020 Diesel
J.D. 4010 Diesel
J.D. 3020 Diesel
J.D. 3010 Diesel
M.F. 1100 Diesel
M.F. 165 Diesel
M.F. 135 Gas
M.F. 35
M.F. 20

FORD 5000 DIESEL
8 speed Trans.
live PTO
$3500.00

Ford 4000 HD w-Loader
Ford NAA w-Loader
Ford 640 w-Loader
1938 Fordson on rubber

New 5 to 9 ft. Chisel Plows

KELLER'S FARM MACHINERY INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

USED EQUIPMENT

- Oliver 1950T w Cab
- Oliver 1750
- 1212 David Brown, Power Shift
- 530 Case Diesel
- Case 32 ft 6 in Auger
- NI 310 Corn Picker
- Ford 800 Tractor
- Grove Forage Box with Running Gear
- MF Flail Chopper
- Wood Bros 1 Row Picker
- MF 1150
- JD 227 Mtd Cornpicker
- Sauder High Lift Loader
- Colby 2 beater Forage Box with Running Gear
- JD 237 Mounted Picker
- 300 International with Loader
- John Deere 530 Tractor
- MF 165 Tractor with MF Loader 800 Hrs. Like New
- IH Loader
- 10 ft Cultimulcher
- Hesston PT 10 Windrower
- Case 555 Windrower
- Dunham 12 ft Cultimulcher
- Ford 4-Row Corn Planter
- John Deere 2 Row Planter
- John Deere MT
- Hesston Stakhand 30
- Hesston Stakhand 10
- 990 David Brown
- Selectomatic 990 David Brown
- New Idea Windrower
- 165 M-F Diesel, 1450 hrs., Like New

★ HARVESTERS ★

- IH 55 Harvester
- Case 300 Harvester

★ 8 Used Spreaders to Pick From! ★

SPECIAL ON NEW 1200 BUSHEL CORN CRIBS

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ZIMMERMAN'S FARM SERVICE
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Phone 717-933-4114

FARMALL 1066 TRACTOR
Fully Equipped, Cab, Air Cond., AM-FM Radio, 2 hyd. valves, weights front and rear, Calcium Chloride Solution in rear tires.
List Price $23,934.00

SALE PRICE
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Division of Hesston Corporation

FORAGE HARVESTER SPECIALISTS
FACTORY DIRECT SALES—PARTS SERVICE
North East U.S. Largest Retail Forage Harvester Outlet
"The Best of the West Now in the East"
1977 Sales — 5
CHECK OUT LATE MODEL TRADE INS:

USED FIELD QUEENS AVAILABLE

702 Uni, Diesel powered, 3-row corn head, hay pickup, grain combine, 55 bu. grain tank.
1066 IHC Tractor, Like New
15 ft. Woods bat wing rotary mower.
260 Massey Ferguson Chopper w-windrow and 2-row corn head.
N.H. 1880 new Cat. engine, Hydro, 3-30" corn head, WPU
1973 Super D Fox, ex. cond. corn hd., hay hd. & Snapper hd.
Fox SPF self-propelled 4-71 Det., 2 heads ex. cond.
(3) (4) Fox Forage Harvesters pull type.
(1) (2) 1972 MAX 1, SP, Dsl., 3-30" Dr. hd., WPU

STOP IN AND SEE OUR NEW UNITS ON DISPLAY

1973 N.H. 1880 Die. Hydro., Cab, 3-30 WPU, Ex. Cond.
Gehl Forage Wagon w-dual wheels, good cond.
(1) 880 N.H. 9 knife chopper, hay hd., corn hd.

FIELD QUEEN
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East Petersburg, PA.
Lancaster Co. 17520
Call Frank Walters
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or Res. 717-733-3665

GAYLORD EQUIPMENT
GRAIN BINS

Bin	Bu. Capacity	Cost
15-7	2987	$1220
18-7	4363	$1489
21-7	6062	$1790
24-7	7981	$2133
27-7	10242	$2508
30-7	12819	$3083
33-7	15723	$3556
36-7	18963	$4143
42-7	26500	$5669
48-7	35497	$7144

Prices Good Until March 15, 1977
Freight Not Included
All Grain Equipment Available
Write or Call After 6 P.M. to:

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PH: 201-329-2666

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SPECIALS-NEW EQUIPMENT-SPECIALS

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List $4745. NOW.....$2950.00
106 3 pt. hitch spreader-seeder-holds up to 700 lbs. fert., 8.5 bu. seed-with agitator.....$400.
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USED EQUIPMENT
214 Spreader-Flail-Like New
213 Spreader-single beater-like new
314 Sheller for pull-type picker
324 Picker-Sheller-Reconditioned
325 Picker-Sheller-Reconditioned
323 1-row Picker-1 yr. old

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USED FARM EQUIPMENT
J.D. 3020 Tractor
Farmall Super C w-cultivators
J.D. 38 & 35 Forage Harvester
Case 675 SP Windrower
J.D. 1209 Mower Conditioner
Souders Loader
Int. 711 Rotary chopper
N.H. 460 Haybine
(2) J.D. 216 Forage Wagon
24 ft. flat goose-neck trailer w-racks.
1973 Int. Truck, Stake body w-racks in good condition
400 Gal. Dari-Kool Bulk Tank
Used Vacuum Suppliers

NEW FARM EQUIPMENT
J.D. 2440 Tractor
J.D. 500 Baler
J.D. 336 Baler
J.D. 1209 mower conditioner
N.H. 512, 518, & S676 Spreaders
N.H. 477 & 479 Haybines
N.H. 1495 SP Haybine
N.H. 850 Baler
N.H. 354 & 357 Grinder Mixer
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Ag-Tex Low volume orchard & field sprayers
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New Elevators
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We Manufacture, Install & Service
Automatic and Manual Systems
from 25 to 100 K.W.

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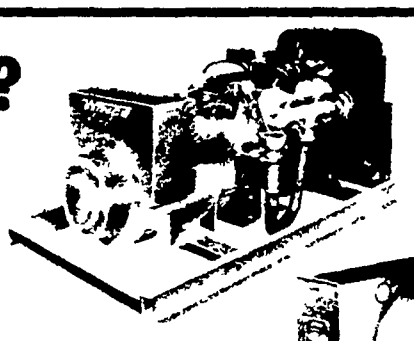
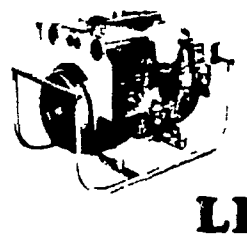
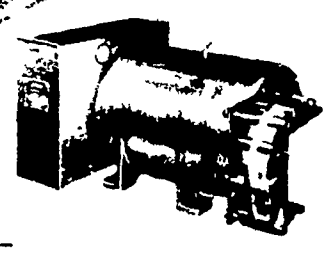


MAXI POWER





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Field Drags and Land Rollers with built-in transporters from 18 to 30' on order. Call for appointment to see and place your order for spring delivery. Our production is limited. Also Combination Harrow Rollers and Farm Trailers. Hugo Welding Shop, Box 38, Bowers, Pa. 19511 Phone 215-682-2781

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36 ft., 48 ft., and 60 ft. diameter. 12 ft. depth, circular precast concrete with gunite coated interior.
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GOOD SELECTION OF BALERS, HAYBINES AND DISC HARROWS

TRACTORS
IH 1466 w-cab
IH 1066 w-cab
IH 1066 without cab
IH 966 w-cab
IH 1256
IH 856
IH 706 (German diesel)
IH 444 w-loader
IH 560 gas & diesel
IH 34 SOLD
JD 4620 4-wheel drive
JD 4320
JD 4020 w-cab
JD 3020 diesel
JD 3020 gas
JD 2020 SOLD
JD 530
JD 720 Gas
M-F 135 w-lo. SOLD
M-F 180
M-F 165
Ford 5,000 gas, like new
Oliver 2050 D
AC D19 w-3 pt.
AC CA w-plow & cultivator

COMBINES
IH 715 (real nice)
IH 205 w-10 ft. head
Gleaner K
JD 45 Square Back
M-F 72
M-F 205

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Gehl Round Baler (1 yr. old)
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101 IHC. Self-Propelled Combine, 10' Grain Head and 2-row wide corn head.
Oliver 60 Tractor
A.C. WD 45 Diesel Tractor
A.C. WD 45 Gas Tractor
A.C. 170 Gas Tractor, Real Sharp.

NEW EQUIPMENT
A.C. 5040 Diesel Tractor
A.C. 175 Diesel Tractor
New Idea 272 Cut-ditioners
1-row and 2-row New Idea Corn Pickers and Shellers.

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MANSFIELD, PA 16933
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Route 100, Eagle, Pa

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New 2-Bottom 12" Plow
New 2-Bottom 14" Plow
Wheel Horse Elec-Trac 18 H.P. w-mower SAVE $800.
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USED EQUIPMENT

Good Roads snow blower with Ford Industrial engine for front end loader
Oliver No. 312 3 pt. 2-row corn planter
J.D. No. 10 Lime Spreader
(3) Sickle Bar Mowers for Satoh Tractors.
3 pt. Hitch Complete John Deere 40 Crawler.

NEW OLIVER PARTS
20 Boxes of 16" Shears
5 Beam for spring automatic plow
20 new Starters, alternators and generators
Plow Bottoms
New Cylinders and Valves

NEW FOX PARTS
$10,000. worth of new Fox Parts including Knives, Belts, etc.
10 sets of used knives.

SPECIAL NOTE - 50 Sets of New Tire and Truck Chains, all sizes.

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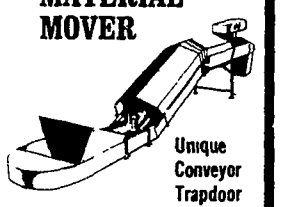
MODEL 155-A MATERIAL MOVER



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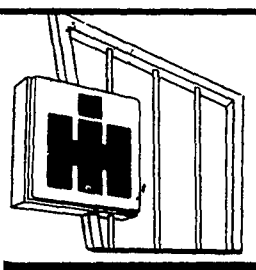

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DAILY 7 TO 5:30 FRI. TIL 9 SAT. TIL 4

FALL TILLAGE EQUIP . . .
Disc Harrows, Chisel Plows, and Plows . . . IN STOCK!

475 Disc Harrows and 315 Packer Mulchers Now In Stock & Ready For Delivery.

NEW EQUIPMENT
- IH 986 w. Cab
- 1086 w. 4 Post Canopy
- F 140
- IH 185 Cub
- 464 D-Special Price!
- F CUBS
- 1086 w. Cab in Stock

SPECIAL ON VICON POWER HARROWS—10' & 15'

—USED EQUIPMENT—

TRACTORS:
IH 560 Utility, Gas
460 D Utility
Farmall Super C Tractor with fast Hitch, Cult. & Plow
Farmall Super H
Farmall 330
Farmall B275 D w/loader
M.F. 65D
M.F. Pony with Rotary Mower
AC Model C Tractor w. Plow & Cult.
IH 444 w. 1501 Loader
IH 41.4 Gas with 2001 loader
Cub Low Boy w. Mower

MISCELLANEOUS:
Sickle Bar Mower for JD. A or B
Gehl Model 130 Feeder Wagon
NH 735 Batch Dryer, 3 phase

HAY EQUIPMENT:
Allis Chalmers 9' Haybine
47 Int. Baler with Thrower
481 NH Haybine
IH 4 Bar Rake on Steel
IH 45 Baler

TILLAGE:
AC 9 Ft. Disk Harrow
JD 10' Packer Mulcher - new style
5 Bottom Oliver Hyd. Reset
4 Bottom Oliver Hyd Reset
IH No. 710 4 Bottom
16" Brillion Transport Harrow
JD heavy duty 13 ft transport disc

Special Price On
570 & 580 Int. Manure Spreaders

ERB & HENRY IS HEADQUARTERS FOR:
DELAVAL — FMC BEAN
VICON SPREADERS — BUTLER-JAMESWAY
TRY US FOR INTERNATIONAL PARTS

BE READY FOR SPRING . . . GET SERVICE WORK DONE EARLY!

(4) 1000 Ford Diesel, 22 H.P.
(1) 2600 Diesel, 6 speed, 32 H.P.
(1) 3400 Select-O-Speed Gas, 37 H.P., P.S.
(2)(3) 3000 Diesel, 8 speed, Live P.T.O., 40 h.p., P.S.
(2) 4600 (1) All-Purpose & (1) S.U. Diesel 52 H.P.
(1)(2) 6600 Diesel All-Purpose, 70 H.P.
(2) 6600 Row Crop, 1 with cab, 70 H.P.
(2) 47600, 2 with cabs, 84 H.P.
(0)(2) 8600, 1 with cab, dual power, 110 H.P.
(1)(2) 9600, 1 with cab, 135 H.P.
(1) 420 Ford TLB
(1)(2) 550 Ford TLB
(1)(2) Ford 642 Combine
(1) 862 Ford Compact Loader C20, C30, C40

New Equipment In Stock
(1)(2) 2 row planters
(2)(3) 3 bot. plows
(1)(2) 4 bot. plows
(1) 5 bot. plow
(1) 6 bot. plow
(2) 9' mower-conditioner
(1) 9' mower-conditioner
(1) 7' mower-conditioner
(1) baler
(1) Pitmanless sickle bar mower
(1) baler
(1) Pitmanless sickle bar mower
(1) 200 bu. manure spreader
2 & 4 row cultivators
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(1) Stackhand 10 with stover pickup
(1) 1010 Hydro-swing mower-conditioner
(1) 720 Forage Harvester,1 row corn hd. & 5' windrow hd.

Plus Good Selection Of
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SPECIAL FARM SHOW
DISCOUNT ON ALL
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Ford Tractors Equipment

HESSTON FARM EQUIPMENT

case

BINKLEY & HURST BROS.

NEW TRACTORS
Case 1570 Tractor 180 h.p. canopy
Case 1370 w-cab air, heat SOLD
Case 1370, cab, air, heat, demo. w-full warranty
Case 1370 no cab
Case 1175 Cab, Air, Heat, 121 H.P.
Case 1070 Cab, Air, Heat

NOTICE
Consignment Sale Mon. Feb. 7
We are ready to make up our list for Advertising. Call in your consignments now.

Case 1816 Uni-loader w-flotation tires, large bucket.
Gehl skid loader, T-Bar controls in stock
Used Myers 7" Snow Plow to fit Jeep or Scout, like new cond.
Case 1410 Diesel, 80 H.P.
Case 1210 Diesel 65 H.P.
Case 995 Diesel 58 H.P.
Case 990 Diesel, 53 H.P.

NEW EQUIPMENT
Gehl No. 120 Grinder Mixer w-scales
Gehl 350 Bu. Tandem Axle Manure Spreader
Gehl FB99 Blowers
Gehl No. 95 Mixer Mill
Gehl Flail Chopper
Gehl Forage Boxes
Gehl Forage Harvesters in stock
New Case Chisel Plows, 5 & 7 Tooth.

New Glencoe 7 Tooth Soil Savers Buy & Set Up Yourself & Save

Case & Pittsburgh Disc Harrows, in Stock All Sizes, Ready to go.
John Deere KBA 28 Disk

USED TRACTORS
David Brown 1200, 65 H.P., Diesel Tractor
David Brown 990
Leyland 384 - 65 H.P. Diesel Tractor
M.M. U302 Row Crop Gas, Live P.T.O., 1200 Original hours, like new.
Others To Choose From

133 Rothsville Station Road
Lititz, PA
Phone 717-626-4705

case

Farm Equipment

No. 8 & 10 N.I. Manure Spreader on steel for sale, good condition. 106 Waird Walking plow. I will deliver. 215-593-5754

Farm Equipment

For Sale - Self-spacing concrete hog slats in 4 ft. - 4 ft. 8 in. - 6 ft. and 8 ft. lengths. Valentine T. Petersheim, Box 329A R2 Mifflintown, Pa. 17059

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LINE OF FEEDING-SYSTEM EQUIP.
SALES-SERVICE-INSTALLATION AVAILABLE.

"LANCASTER" Taper Board Feeders
"LANCASTER" Slat Chain Conveyors
"LANCASTER" Belt Feeders
Patz Unloaders
Silage Weighers
Grain Weighers
Silage Carts
Barn Fans
Silage Blowers

SPECIAL PRICES - FARM DUTY TOTALLY ENCLOSED MOTORS ½ TO 10 H.P. IN STOCK.
INSTANT REVERSE MOTORS 1-1½-2-3 H.P.

NEW 12" BELT FOR BELT FEEDERS - $1.75 FT.

CHAIN FOR SINGLE CHAIN CONVEYORS W-6 IN. OR 8 IN. PADDLES.

NEW STARLINE CHANNEL-FEEDER 10' TUBES WITH AUGERS $90.00 EACH.

USED EQUIPMENT SPECIALS:
1 - 56" Hustler Silage Blower
1 - Hi-Pressure Portable Water Sprayer W-Gas Engine
1 - Used Van Dale 16' Silo Unloader Complete w-Motor $1495.00
9 - New Starline No. 1285 Stanchion Yokes - $20.00 ea.
1 - Used 12' Starline Silo Unloader w-Rebuilt 5 H.P. Motor. - $1395.00

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Home Ph: 717-872-4411
Larry Hiestand (Office) 717-299-3721
Home (Lebanon Area) 717-273-7394

USED EQUIPMENT

John Deere 4230 Tractor, Quad range, 4 post roof.
N.I. 706 Uni w-717 Combine, Ford Diesel Engine
M.F. 300 Quick-Tach Combine
IHC 403 Combine, the latest model
IH510 Drill, 24x6, Fert. & Grass Seed attch., like new.
(New) N.H. 479 Hyabine $4,075.00
John Deere 3020 Diesel, Side Console
BRAND NEW A.C. 185 Diesel $11,200.
Oliver 1755 Diesel
IH Hydro 100 with cab & Air, 650 Hrs.
IH 856 Diesel
Farmall 706 with 1066 Engine
Case 1170
IH 1466 with cab and air
Fox 2100 chopper with 2 heads, $3000
Farmall 756 Diesel
Farmall 766 w-year round cab
IH 1256 $9,250.00
Case 930, Standard Tread, w-cab
(2) Used 1066's w-Cab, Air, (1) hydro (1) TA
656 Farmall Gas
727 Husker for Uni
(1)(~~2~~) Nice N.I. 323 1-row picker $2275.00
3 row 30" for Gleaner F, several 2-rows for Gleaner, K, 3 and 4 row heads for Uni..
Farmall 544 Gas
Farmall 544 Utility Diesel, Hydro
Farmall 656 Diesel Hydro.
IHC 303 Combine w-Cab and 2 heads, real clean, 1 Left.
Int. 615 Combine w-Cab and 2 heads, real clean, 1 Left
(3)(~~4~~) Gleaner Combines w-corn heads, Models, E, All, K
Several Shellers for N I pull or mtd Pickers
Mustang Skid Loader
Lots of IH and J.D front and rear weights.

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SPERRY
NEW HOLLAND
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In Stock
[48] 1977
Lawn & Garden Tractors

New Holland	TRACTORS
Interest Free Till 5/1/77	Interest FREE Til 3/1/77

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January 26 7:30 PM
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J D 520 G 1957, good cond
M F 203 Dsl w/200 loader,
(1) Case 1740 Uni-Loader ex cond
1370 Case cab, air cond., power shift, duals, 18 4 x 38 with 254 hrs
1975 David Brown 995, Orange Bottom, like new
1974 885 David Brown Gas ex cond
Farmall Cub w/mower Good cond
Ford 8N, Good condition
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(2) N I Used Pickers
N I Grinder Attch
J D Cultimulcher
Dunham Lehr Cultimulcher 13'
J D 9' Transport Disc
NH 33 Flail Chopper gd cond
(2) T330 (1) T550 N H Trenchers (40% off)
Int Harvester Cut away disc
NH 281 Baler w/thrower, gd
(2) Used Case PT Chisel Plows
Case 1665 Combine, Ex Cond, Cab & Air 15' grain Hd PU Reel w/Robot header, 4-40 Cn Hd big cap At reasonable price
A C 720 Forage Harvester, w-row Ch & WPU
(2) J D 16A Flail Chopper
(2) A C 600 No Til Planter, ex
J D 494A Planter, Good Cond
(1)(2) Case 400 Gas 3 pt hitch, good cond
Used Gehl Forage Wagon
N H 1880 SP Chopper Choice Pick of Head
330 Corn Head, WPU D C Cat Diesel
N I Mower/Conditioner
(2) Used Elevators
(~~5~~) (10) Used Garden Tractors all makes & h p
1976 Field Queen stand 250 hrs
3 30 C hd WPU 12' hyd drive,
Direct cut head never used all like new sell separate
(5) (~~2~~) Used Discs
Fox IF 546 Forage Harvester
Fox 2000 Forage Harvester
Hesston 1014 Hydr Swing Windrower Ex Cond

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All H P Available

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All Sizes Woods Mowers
(4) Brillion Cultimulchers
7' & 9' Glencoe Soil Savers
(2) N I Cut/ditioners
(1) (~~8~~) Brillion Chisel Plow
(2) (~~3~~) Brillion Field Cultivators
(2) (~~3~~) N H Skid Steer Loaders
(3) (~~5~~) N H Balers in Stock
(5) (~~4~~) N H Haybines in Stock 7- & 9 ft 12 ft SP
(1) (~~2~~) N H Choppers
(1) (~~2~~) N H Round Balers
(4) (~~8~~) N H Grinder Mixers
(2) N I Cut/ditioners
N I Spreaders all sizes
A C Field Cultivators Plows
A C Discs Forage wagons
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Tractors
J D 4430
J D 3020
Int 706
Farmall M
Ford 8N w/loader
J D 420 High Clearance

Plows
(3) J D F145 5 16
J D F620 4-16 Pull Type

Chisel Plow
J D 1600 10 & 14
Brillion 9
Corn Heads
(1) J D 444
Corn Planters
J D 1300 6 row
J D Tool Bar w/6 81 Units
Disc Harrows
Miller 18 Hyd Fold
J D B W 126
J D Y 3 pt 11 2
Manure Spreader
A C Conventional
Field Cultivator
J D 14 3 pt
Roller Harrows
J D 930 12 3 pt
(2) J D 925 12
Hay Tools
A C Round Baler
Case Oblique Rake
J D 15A Flail Chopper
J D 207 Gyramor
J D 50 Mower
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CASE: Uniloaders Mod. 1737-1740-1816-1830-1845, 12 ft. Offset Disc., 1070 w-cab 1370 Tractor (no cab) 1210 P.S., 1210 Stand, 995, 2-990's.
GEHL: Flail Chopper, Feeder Box, CB600 Harvester, FB 99 Blower, Forage Wagons, Round Baler, Demo., 120 Grinder Mixer, 6-8-10 ton running gears.
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Case, New Idea Elec., Massey Ferguson

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Farmall Cub w-belly & sickle mowers
Case VAC with cult.
Case-Model SC
Farmall C w-cult.
Farmall 400
Case D-B 990

SPREADERS
N.H. 675
N.I. 212, 213, 214
M.F. 160
JD

MISC.
Model 86 4 Btm. Semi-mtd.
Model 33 Case Backhoe 24" bucket, good cond.
Case offset disk harrow
28 ft. Smoker Elevator w-hydraulic lift
J.D. Disc AW
J.D. 894 Rake
J.D. Grain Drill

SKID LOADERS
Case 1737 and 1537
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4020 Diesel, Sq. Range Shift, WFE, Side Controls	$11,500
Massey 85 gas	$2250
MF 30, new motor	$1200
Farmall 806 Diesel, WFE, 3 pt Sharp	$7950
Farmall Cub, snow blade	$1750
JD 520, PS	$1800

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Case 580 diesel	$6250
Case 680 diesel	$7500
Int 3414 diesel, overhauled	$4250
Int 3414 gas	$3850
3444 diesel, sharp	$4500
Case 480 Gas	$4850
Dynahoe 140 Diesel	$5250

CRAWLERS LOADERS

JD 2010 w/ripper	$3500
JD 2010 diesel just overhauled	$4500
JD 350 w/4 in 1 bucket	$5500
JD 350 w/backhoe	$7500
[2] JD 450 w/backhoe	$9750
[1] Case 1150 diesel	$7500
Cat 955 H pedal steer	$11,500
Cat 955H pedal steer w/ripper	$11,500
Cat 933 F - Good	$5000
Cat 933G	$7800
Cat 941B	$12,500
A C HD6 Sharp	$4950
AC HD 5	$3000
Cat 977 w/cab	$7500
[3] Int TD 9 diesels	$2950 ea
TD Int 6 diesel	$2950
John Deere 450 Diesel Rops	$7000
John Deere 350 loader	$5950
Case 450 needs overhauled	$5800
Cat 933 F needs work	$2000
Cat 955K w/cab	$13,500

SWEEPERS

Self propelled Wilshire Broom	$850

GRADERS

Gallion 503	$3250
Gallion 118 Diesel w/cab	$3500
Huber Warco Diesel Cummins no cab full hyd power, new tires	$8000

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10-ton Huber, 3-wheel Good	$1000
Small Roller	$350

LOG SKIDDER

Pettingbone Diesel	$3850

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6 to 9 tons	from $850 - $1500

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Michigan 175 Cummins Diesel w/cab	$8500
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Case 600 diesel	$2500
Cat D4 8 ft. Blade	$3000
Cat D8 no blade	$2000
John Deere 440 Diesel	$2200
John Deere 450 6 way angle 69	$7500
J.D 350 1969, PS, inside blade, sharp	$6500
Cat. D8 14A cable blade	$16,500
Cat D8 500 hours since rebuilt 1968 model	$39,000

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1969 Dodge Truck 250 Cummins motor needs work	$2950
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TRACTORS—J.D. (New) 4030, 4230 cab & air, 4430 cab & air, 8430 four whl. drive, used (2) 4630 power shift like new, 4630 singro range, 4230 cab & air, 4030 cab & air, 4030 w-roll guard, 4230 Quad range, 2630 w-Hi Lo trans. cab like new, 4320, 4620 w-cab, 4520, 5020, 1971—4020, (6) 4020, 3020, 2520, 2020, 4010, 3010, 2510, 720, 5020 tractor puller, 350 Crawler loader w-backhoe, 450 Crawler loader, 440 Crawler Loader. Farmalls - (New 986, 1586, 1566 w-duals, 966 w-cab, 100 Hydro, 574 used 1066 gear, 1066 Hydro w-cab, 1456, 1256, 1206, 856, 756, 806, 706, 656, 560, 460, 350 MTA, 1206 four whl. drive, 660, Case (New) 1370, 1070, 2670 four whl. drive, used 970 cab power shift, 930, 1200 four whl. drive w-block, White (New) 2-85, 2-105, 2-150, 4-150, used 2-105. Oliver 1855, 1755, 1655 used 400 hrs., 2150, 2050, 1850, 1800, 1750, 1650. Massey Ferguson 1155 w-cab used 300 hrs., 1135, 1105, 1130, 1100, 175, 165, Super 90. A.C. (New) 200, used 7030, 7050, 220, D19, D17. M.M. G900, G1000. Int. Diesel truck w-roll back. 1976 Chevy C65 w-3,000 miles, Bob Cat M610 Skid Loader.

COMBINES—(New) 4400 D., used 6600 D. w-both heads, 7700 D. Hydrostat, 7700 Gear drive, 95, 45, 40 square backs. White 8800 D. w-grain & corn,, Gleaner K w-cab grain & 2 row corn, F w-both heads, L diesel, G, CII. Int. 815 D. w-both heads, 503, 82.M.F. all Quick tach 300, 410 D w-cab, 510 D w-air, older 300, 410, 82 w-cab, N. I. 701 Uni tractors w-combines and shellers, 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads.

CORN HEADS—John Deere 843, 643, 444, 343, 244, 435, 434, 335, 235, 234, 205, Massey Ferguson 44, 43, 24, 421, 222 for 300 & 82. Gleaner F335, A330, Int. 763 six row, 227, 3 row for 38" for 315.

HARVESTERS—Gehl 600 with electric sharpener and 2 heads, John Deere 38 with 2 row corn, 34. New Holland 717.

HAYBINES—(New) John Deere 1209, Owatonna self propelled.

(New) M.F. grain drills, used J.D. FBB. Kill Bros. grain boxes.

CORN PICKERS (2) (New) New Idea 2 row pull 30" & 40" w-8 & 12 roll beds, 2 used narrow row w-8 & 12 roll beds, 2 nice used 2 row wide w-12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, 319, 305 mounted w-12 roll bed & shellers. Super shellers for pull pickers, shellers for mounted pickers. J.D. 237.

(New) New Holland 1034 Bale Stack wagon, (New) N.H. 256 rake.

COMING IN—J.D. 8630, (New) J.D. 8350 grain drill, (New) Brillion wing harrows, Int., Oliver, J.D. 4 bottom auto. reset plows., also new J.D. 336 Bales w-throwers, New White 4 row air planters.

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¾ brother to Elevation
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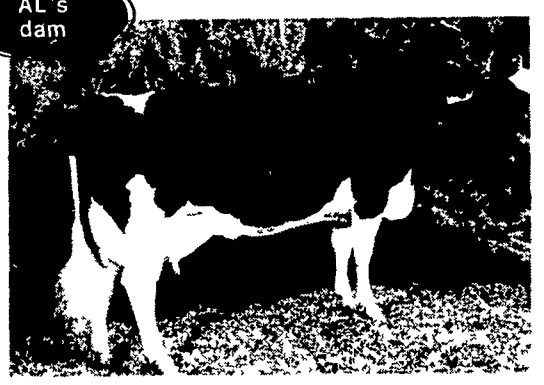
9H121 F-G-P Elevate Ivan AL, VG(88), P Q 10/76
USDA 10/76 RIP 14% Rpt 80%
78 dtrs, 55 herds avg 15,819m 3 63% 574f
PD 74 +854m -- 10% +16f +$66

HFA Type Comparison, 10/76
45 Cl dtrs avg 78 9 Age Adj 80 4
Pred. Diff. Type +0.01 Rpt. 61%

AL's dam



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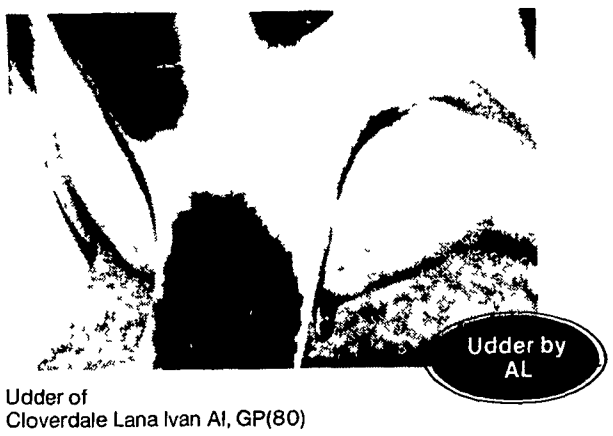
3-11	328d	19984m	4 0%	793f
5-0	293d	19525m	4 0%	790f
6 0	305d	21226m	4 1%	871f



Udder by AL

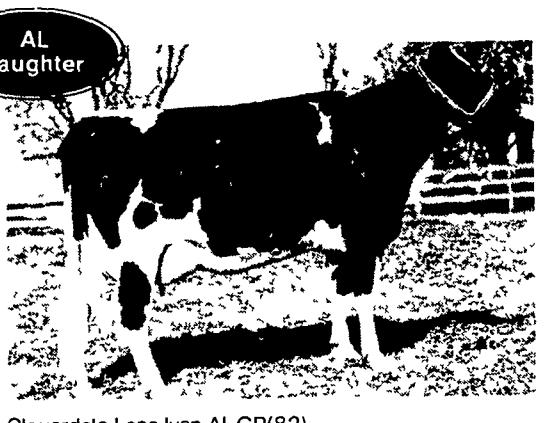
Udder of
Cloverdale Lana Ivan Al, GP(80)

AL daughter

Clover-Valley Honey Bee GP(84)

2-7	338d	15685m	3 6%	567f

AL daughter



Cloverdale Lana Ivan Al, GP(82)

2-10	305d	16377m	4 3%	701f

9H121 AL is +854 P D milk, +$66 Profitability, and at 80% repeatability he is an outstanding production improver According to the Holstein Association (HFA) AL is now officially a type improver

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Seeking good reliable man willing to take on some responsibilities for work on modern dairy farm. Good wages, nice house and other benefits. Situated in the beautiful countryside of Gettysburg. Ph: 717-334-8553.

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Wanted - Experienced farmer to operate 300 acre farm, must be able to maintain equipment, no dairy. Salary commensurate with ability. Excellent fringe benefits including full hospitalization and insurance plus large house with utilities. Write P.O. Box 472, Lansdale, Pa. 19446 or phone 215-855-4741

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Miscellaneous

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators.
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Miscellaneous

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Miscellaneous

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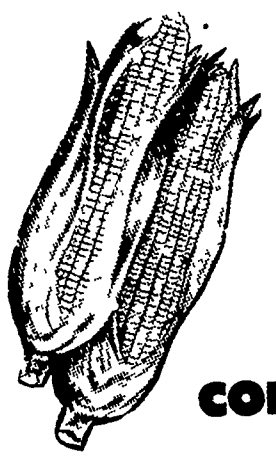
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Wanted - Entire herd or part of herd of dairy cows or springing heifers. Call 301-358-0412 after 8 p.m.

Livestock For Sale

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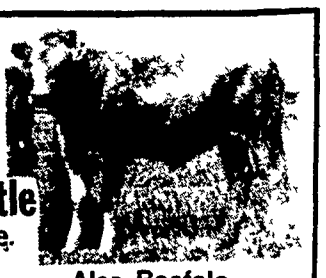
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BRAND NEW 1977 DODGE W-100, four wheel drive power wagon. 115" wheelbase, 6½ foot pickup box Russet with parchment cloth and vinyl interior 318 V 8, automatic, power steering, power brakes, H78 x 15 snow tires, 600 GVW burns any type gasoline
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$4372
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$3407

Stock No 1028
BRAND NEW 1977 DODGE ASPEN — This is a car for one who wants luxury & economy (a better way to put it is — to have your cake and eat it too). Special Edition station wagon with 60/40 split bench reclining vinyl seats with thick shag carpeting, insulation package for a quieter ride, carpeting in rear of wagon with 2 locking storage bins Outside you have a Regatta blue metallic finish set off by simulated wood grain panels Luggage rack, radio, chrome deluxe wheel covers — set off by white side wall tires For your economy you get our 4 speed manual transmission which includes our overdrive gear We only have one of these and the unbelievable price is only
$4794

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BRAND NEW 1977 DODGE ROYAL MONACO 6 passenger wagon Moondust metallic with parchment vinyl interior, power steering power disc brakes torqueflite, roof rack radio LR78x15 steel bleted radial white sidewall tires.
$4977

Stock No 5033
BRAND NEW 1977 DODGE ROYAL MONACO 4 door Mojave beige with cloth & vinyl parchment interior, power steering & brakes, automatic, tinted glass all windows manual vent windows, air conditioning, radio, deluxe wheel covers, GR7 x 15 steel belted radial white wall tires
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Stock No 0153
BRAND NEW 1977 DODGE B-100, 109" Van Red, 2 black vinyl buckets, 4600 GVW package
$3998

Stock No 0095
BRAND NEW 1977 DODGE B-100, 109' wheelbase STREET VAN 318 V-8 engine, automatic swivel type high back buckets, painted spoke wheels, power steering street van package, 4600 lb GVW package Bright tan
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BRAND NEW DODGE COLT 4 door sedan April green metallic, parchment bucket seats, 4 speed manual transmission radio white sidewall tires
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BRAND NEW 1977 DODGE MONACO, 4 door sedan. Jade green metallic, green cloth & vinyl interior, automatic, radio, power steering, white sidewall tires. **$4096**

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BRAND NEW 1977 DODGE MONACO 9 passenger station wagon, forest green metallic, power steering, power disc brakes, automatic, radio, deluxe wheel covers, H78 x 15 white side wall tires. **$4569**

Stock No. 5036
BRAND NEW 1977 DODGE MONACO BROUGHAN, 4 dr. sedan, Cadet blue with blue veloure and vinyl interior & center arm rest, 318 V8, automatic, power steering, power disc brakes, tinted glass, air conditioning, radio, blue vinyl roof, wheel covers, F78 x 15 white sidewall tires. **$4996**

Stock No. 5029
BRAND NEW 1977 DODGE MONACO, 2 door, hard top, Silver Cloud metallic with blue cloth & vinyl interior, automatic, power steering, 318 V8, radio. **$4101**

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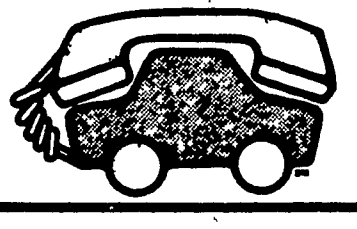
JERSEY SHORE, PA.
398-1590

THE DETROIT CONNECTION



LONG

WE HOLD "OPEN HOUSE" EVERY DAY

LONG

CHECK OUR COMING-IN LIST

"FARM SHOW SPECIALS"

YEAR-A-ROUND CABS—YOUR CHOICE TO FIT:

Oliver 1550-1555-1650-1655-1755-1855-1955-1750-1850-1950-2255 2-105, 955MM, 1355MM

Int. 544-656-706-756-806-856-826-1026-1206-1256-1456-666-766-966-1066-1466-1468
J.D. 2510-2520-3010-3020-4010-4020-4320-4000-4030-4230-4430
A.C. 190-190XT-200-210-220-7030-7050-170-175-180-185
Ford 5000-7000-8000-8600-9000-9600
Cabs Include:

1. Two Toned Matched Paint
2. Tinted Safety Glass
3. 2 Removable Doors
4. Windshield and Windows Which Open or Remove
5. Mounting Brackets
6. Reinforced Roof
7. Sky Hooks
8. Pre Assembled All Welded Construction
9. Deluxe Interior, Completely Upholstered [Including Roof] With 1" Thick Foam Rubber Covered With Perforated Vinyl
10. [2] Front Light Brackets
11. [2] Rear Light Brackets
12. Extra Heavy Duty Window and Door Hinges
13. [2] Extra Large Steps
14. All New Rubber Mounting
15. Special Sound Resistor Pad Covering Entire Tractor Platform, Plus Quality Long Lasting Heavy Floor Mat With Brake And Clutch Pedal Boots Sewn On
16. 2" X 4" Steel Tubing Frame
17. Cab Completely Rewired With Quick Clips Front and Rear and With Fuse Block
18. All Wires Are Concealed Within Frame of Cab
19. Fender Area Recessed For 30" Rows
20. Roll Protected And Crush Proof
21. Twin Fresh Air Fan
22. Heater
23. Defroster
24. Donaldson Air Filter
25. Windshield Wiper

See it at our booth at the Farm Show or at our place of business

PRICED AT OUR LOT only $1495.00

Fenders traded in if you wish

"CORNPICKERS"

[2] NI 319 12 Roll Mtd.
[2] NI 305 12 Roll Mtd.
[2] NI 305 8 Roll Mtd.
[2] NI 311 Pull Sheller
NI 324 12 Roll Pull
[3] Int. 234 12 Roll Mtd.
[2] JD 237 Mtd.

"CORNSHELLERS"

M.M.E.
M.M. 1200
[2] NI 2X Pull Shellers
[3] NI 2X Mtd. Shellers
[5] NI 2X Mtd Grinders
Int. 234 Sheller
J D. 227-237 Sheller

"DRILLS"

Oliver 20 Disc-Late
[2] Int -Late
EZ Flow Fert Spreader
NI Lime Drill
Mc Lime Drill
Lely 3 Pt. Fert Spreader

"ELEVATORS"

Farmec 30'
Farmec 40'
N.H 40'
Cardinal Augers - All Sizes

"LOADERS"

JD 46A
Souders
J D 45
[3] Dunham new

"HARROWS"

[2] Brillion 16' Wing on Wheels
Brillion 12' Wheel
[4] Drag Harrows
2 section spike harrow

"GARDEN TRACTORS"

JD 210
Int 55
Int 123
A C B210
MF 10
J D 57
Roto Tillers

"CRUSHERS"

[2] JD
NH 404
Cunningham

"CULTIPACKERS-MULCHERS"

[2] Dunham Packers
J D. Mulcher
[2] Dunham Mulcher
[2] Brillion Mulcher
PCM Chattanoga Mulcher

"PLOWS"

[2] AC B 1X
AC 2X SC
JD 1X For M-MT
[2] JD 2X Pull
JD 3X 3 Pt.
[2] JD 3X Pull
J.D. 4X Pull
JD 4X Reset
JD 4X Semi
JD 5X Semi
Oliver 2X Pull
Oliver 5X Reset
Oliver 5X Semi
Oliver 6X Semi
White 8X Reset
[2] Int. 1X Cub
[3] Int. 1X "A"
Int. 1X "C"
[2] Int. 2X Pull
[2] Int. 3X Pull
Int. 4X Pull
Case 5X Pull
Ford 2X 3 Pt.
1X Potato Plow

"CHISEL PLOWS"

Athens 10' Pull
Athens 7' Pull
Int. 12' Pull
15' Int. Vibrashank
Lely RH250 Roterra
[2] Danish 9 Tooth 3 Pt.
Danish 7 Tooth 3 Pt.
1 Tooth 3 Pt. Subsoiler
J.D. 1 Tooth Subsoiler

"WAGONS"

16' Feeder Rack
[4] 6 Ton Yetter Wagon Gear
Lamco 14' Selfunloading
J.D. 214 Self Unloading
[2] 16' Flatbed Wagons
[2] Lamco 16' Self unloading
J.D. 216 Self unloading
Kasten Self unloading
22' Flatbed Wagon
Gehl Feed Wagon
Schwartz Feed-Mixer Wagon

"CULTIVATORS"

[2] Ford 2X 3 Pt.
Ford 1X 3 Pt.
JD 4X 3 Pt.
J.D. H Cult
Int. 4X 3 Pt. Rolling Cult.
[3] Int. Cub
Int. 4X 3 Pt.
[2] Int. 2X Front Mount
Lilliston 4X 3 Pt. Rolling Cult.
A.C. 2X 3 Pt.
Oliver 4X 3 Pt.
Oliver 2X 3 Pt.
A.C. B Cult.

"BLOWERS"

[2] N.H. Hopper
J.D. Hopper
Kools Recutter
[2] Grain Blowers

"CORNPLANTERS"

J.D. 495A
J.D. 494A
J.D. 246 3 Pt.
J.D. 290 Pull

"HARVESTERS"

[7] Int 15-16-350 Cutterbar
Int. 350 w/1 Row Corn
Int. 50 w/2 Row Corn
Int. 55 w/2 Row WN Corn
Int. 15 w/1 Row Corn
Int. 50-55-550 Cutterbar
[3] Int. 15-16-350 Pickup
[3] Int. 50-55-550 Pickup
NH 717 w/1 Row Corn
NH 717 Pickup
NH 717 Cutterbar
[3] NH 616 w/1 Row Corn
[4] NH 616 Cutterbar
[2] NH 616 Pickup
[3] NH 616 1 Row Cornhead
[2] NH 818 Pickup
NH 717 2X 30 Cornhead
Fox 2X 30 Cornhead
Gehl Cutterbar
[2] Gehl Pickup
Gehl 2X 30 Cornhead
Gehl w/2X 40 Cornhead
Fox w/2X 40 Cornhead
Fox 4X 20 Cornhead
Fox Pickup
AC 782 w/2X 40 Cornhead
[2] AC 780-782 Pickup
Ford w/1 Row Cornhead
[2] JD 34-38 Pickup
J.D 2X 30 Cornhead
J D 3X 30 Cornhead

"DISCS"

Int 1 Pt FH
[3] Cub Discs
Int W Offset
Int 3 Pt
[5] J D. KBA W Disc
[3] JD KBA Pull
[2] JD BW Disc [1 w/Wings]
J D 110 Disc
[2] J D Offset W Disc
[4] Long W Disc
Long 3 Pt Disc
Long Offset W Disc
1 MCO 3 Pt Disc
MM W Disc
Int Pull Disc

"MOWERS"

[2] J D 3 Pt Sickle
[3] Int Mtd Sickle
A C B Sickle
[2] Cub Sickle
Bush Hog Rotary For A C. G
[3] 5' 3 Pt Rotary
[3] 6' 3 Pt Rotary
5' Pull Rotary
6' Pull Rotary
Ford 3 Pt Flail
J D 3 Pt Flail
J D 707 - 14' Rotary
Bush Hog 20' Rotary

"LOOK"

WENGERS' HAS A COMPLETE LINE OF NAME BRANDS:

Long Tractors & Equipment
Dunham Wagons & Equipment
Year-A-Round Cabs
Grove Wagons
Hiniker Cabs
Lamco Wagons - Hay Feeders
Danco Hay Feeders
Imco 3 Pt. Blades - Rotary Cutters, Etc.
Meade Combine & Tractor Cabs
Ring-A-Round Bale Feeder Panels
Automatic Stack & Bale Movers
Generac P.T.O. Alternators
Pittsburg Equipment
Kewanee Equipment
Schultz Equipment
Noble Equipment
Hinson Cabs & Wind Breakers
Amco Disc Harrows
Athens Disc Harrows
Bearcat Equipment
Behlen Corn Cribs
Speedy Corn Cribs
Cardinal Equipment
Century Equipment
Kuker Sprayers
Danuser Equipment
Donahue Equipment
Electric Wheel Wagons
EZEE Flow Equipment
Farmi Logging Winches
Martin's Gravity Bins
J & M Gravity Bins
General Post Hole Diggers
Simms Cabs
Arts-Way Feed Mills
Kools Equipment
Glenco Equipment
Grain-O-Vator Equipment
Heat Houser Equipment
Kim Post Hole Diggers - Sprayers
Koehn Cabs
Kwik-Way Forklifts
Little Giant Equipment
London Cattle Scales
Four Star Equipment
McClenny Equipment
Ontario Equipment
M & W Equipment
Mayrath Equipment
Meyer Snow Equipment
Midwest Equipment
MKD Log Splitters
Mitts & Merrill Log Chippers
Pensteel Forklifts
Chattanooga Equipment
Schwartz Equipment
Servis Equipment
Shaver Post Drivers
Sunmaster Mowers
Tri Star Equipment
Uebler Feed Carts
Waldon Equipment
Western Rollers
Wikomi Equipment
Hudson Trailers
Speeco Equipment
Harsh Truck Bodies
Souders Loaders
Bale King Wagons
Lincoln Welders
McCulloch Chain Saws
New Tractor Tires
New Dual Wheel Sets
Pride of the Farm

"LOADERS"

Cat 933F Super Clean	$8750
A C HD6 w/ripper	$3750
A C HD6	$3400
A C 655	$3850

"FORKLIFTS"

Case 580D - 21'	$6750
Clark Pneumatic	$1750
White Pneumatic	$3900
Int 340	$4500
[3] set forklift forks	$100 & up

LONG

WENGERS' INC.

LONG

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown.

PHONE: Days 717-866-2138, Nights 717-866-7147.

LONG

SEE US AT THESE LOCATIONS . . .

LONG

PA FARM SHOW OR SOUTH RACE ST., MYERSTOWN

FARM TRACTORS - ON OUR LOT

Farmall Cub-Plow-Cult.	Call
Farmall Super A Outfit	Call
A.C. C with mower - rough	$600
A.C. D10 Fair-WF	$1500
A C. WD - Fair	$650
A C. 1600 industrial w/mower - very good - WF	$3900
[2] AC D15's w/loaders & tampers - good - WF	$2900 each
A C. D17 - good - WF	$2000
A.C. D21 - 1969 - new tires - excellent - WF - 3 pt	$9000
Case 600 - Rough	$800
Case 800 standard - Fair - WF	$1800
Case 800 - Rough	$900
Case 530 Industrial w/cab - Fair - WF	$900
Case 830 CK - good - WF	$4500
Case 930 CK - excellent - WF	$6500
[2] Case 1030 CK - excellent - WF	$7500
Farmall AV w/cult. - good - WF	$1750
Farmall H w/ldr. - Rough	$625
Farmall H - good	$975
Farmall Cub w/rotary mower - super clean	$2675
Farmall C-WF-FH-Fair	$850
[2] Farmall M - rough	$750 each
Farmall M - 390 Ford V8	$1800
Farmall M - Fair	$1000
Farmall MTA - Fair	$1600
INT WD9 - Fair - WF	$1600
Farmall 240 - Fair	$800
Farmall 300 - good	$1450
[2] Farmall 504 Hi-Clear - Rough - WF	$900 each
[2] Farmall 400 - Rough	$1250 each
Farmall 560D - rough	$2000
Farmall 560D - good	$3800
INT 660D - fair - WF	$2000
INT 660 LP - fair - WF	$2250
INT 706D - fair - WF	$2775
INT 1206D - excellent - WF - weights galore	$9500
[2] Ford 9N - poor - WF	$750 each
[2] Ford 8N - poor - WF	$875 each
Ford NAA - good - WF	$1900
Fordson Major - fair	$1250
Ford 800 - fair - WF	$1500
Ford 900 - fair	$1600
Ford 4200 - good	$5000
Ford 5000 - good - WF	$5000
Ford 5200 - fair - WF - SOLD	$5800
J.D. 70 - fair	$1000
J.D. 720 - good	$3000
J.D. 1010 w/loader - fair - WF	$3000
JD 2520 - good - WF	$7000
M.H. 44 - fair - WF	$1000
Ferg. 20 - rough - WF	$775
M.H. 444 - poor	$1000
M.F. Super 90 w/cab - fair - WF	$3500
MF 1080 - 1971 - excellent - WF	$8500
[2] Oliver 77 - poor	$775 each
Oliver 770 - rough	$950
Oliver 1650 - fair	$4900
Oliver 1655 - good - WF	$8250
Leyland 384 - good - WF	$3900
Long 360 - new - list $6004	special $5400
Long 360 demo. list $5766	special $4150
Long 360 - new - list $6121	special $4900
Long 460 - new - list $6467	special $5800
Long 460 - new - list $6403	special $5200
Long 445 - 4WD - demo. list $7597	special $5900
Long 560 - new - list $7905	special $6900
Long 1100 - new - list $12,569	special $10,450
Long 445 - 4WD - used - fair	$3900
MM Jet Star 3 - fair - WF	$2900
Long 460 - 4WD - new - list $7526	$6800
Long 460 4WD - new - list $7723	$6950

NI UNI SYSTEM

NI 3 x 30 chopper head
NI 3 x 40 cornheads
[3] NI 3 x 30 cornheads
[2] NI 4 x 30 cornheads
[2] NI uni pickup heads
[2] NI 2 x 40 cornheads [old style]
[2] NI 2 x 40 stripper heads
[2] NI 2 x 40 harvester heads
NI 710 combine & grain head

COMBINES

A.C. Gleaner EIII w/cab
Mc 403 w/cab
Mc 205 w/cab
Mc 203 w/cab
Mc 82 pull type
Mc 93 w/cab
MF 300 w/cab
MF 410 w/cab

"PRICED TO SELL"

COMING IN - JUST BOUGHT

[2] NI 2X pull grinders
NH 880 harvester
NH 2 x 30 cornhead for 880
[2] NH pickup attach for 880
NH cutterbar for 880
Cub manure spreader
Cub disc
Small Taylor disc
Int. 70 3 x 14 pull plow
J D. 2 x 14 3 pt. plow
J D 3 x 16 3 pt. plow
[2] J D 2 row front cultivators
J D. 58 loader
Small Case hammermill
Saw buck

Spike tooth drag for rear of disc
Pickup attach for Int 15-16-350 [new]
Farmall 1066 w/cab & duals
Farmall 450 D, FH, PS
1968 JD 4020 D, WF
Int rollbar
Forklift forks
Used year-round cab off 1850 Oliver
Owatta corn sheller
Bale wagon
J.D. 720 D
NI 729A sheller
Case 1470 - 4WD w/cab
N.H. 77 baler w/ele start motor

[60] Dunham 6 ton wagon gears
[2] J.D. 43 PTO cornshellers-home
INT 227 cornhead
INT 228 cornhead
JD 10 cornhead
J.D. 45 combine
INT 303 combine
INT 315 combine
[2] NH 350 feed mill - home
NH 352 feed mill - home
AC 330 cornhead
NH 717 pickup attachment
J.D. 16A flail chopper
INT 4 section rotary hoe
J.D. 3 x 16" 3 pt plow
JD KBA 28 wheel disc
NH 56 rake
Mc 2x pull cornplanter
3 pt. bale fork
[5] INT 234 cornsheller units
J D 227-237 cornsheller unit
Mc 411 FH plow
Mc 311 FH 16" plow
NI 17 spreader
[3] INT 37 wheel disc
JD BW wheel disc
JD 5 x 16 plow
Ford 5000 4WD

[2] INT 4 row cultivators
IH tractor cab
Meyers feed mill - home
Dakon chisel plow
NH 717 harvester
AC C440 cornhead for CII
[2] JD 4 x 3 pt. plow
Case tractor cab
INT 470 wheel disc - SOLD
J.D. 30 combine
INT 1X pull plow
[2] NI 2X mtd. grinder attach.
AC 190XT w/cab
AC 220 w/cab - home
Case 2470 w/cab - home

[2] J.D. 730 diesel - [1] home
[5] New Kuker sprayers
[2] Long 360 tractors
[2] Long 63" rotovators
[2] Long 560 4WD tractors
Long 560 tractor
[illegible] x 40 cornhead
[illegible]one rakes
[illegible]ooth 3 pt. chisel plow
[illegible]ooth 3 pt. chisel plow
Ontario [illegible] wheel harrow w/wings
Ontario 12' wheel harrow w/wings
MF 180

CORNHEADS

AC EIII 240
AC F 4 x 30
AC C630
AC FL330
AC GL440
AC C430
AC C440
AC A240
[4] AC E240
[3] JD 234
[2] JD 205
JD 334
[2] JD 210
[2] JD 313
JD 435
JD 10
JD 443
JD 643
[6] INT 227
[2] INT 327
INT 733
[2] INT 10' Grain Heads
MF 43
MF 33
MF 621
[2] MF 422
MF 300 Grain Head
MF Quick Tach Grain Head
[2] MF 24
[3] MF 222
MF 22
MF 20
Case 3 x 30
Oliver 2 x 40

"DOZERS"

Int. TD15	$4500
J.D. 350	$5850
J. D. 350 B w/ROPS & Winch	$7500
J. D. 450 w/Winch	$7500

"BACKHOES"

J.D. 93 Backhoe attach.	$2500
Int. 3400 TLB w/ROPS	$6500
AC 615 TLB	$4850
Long 5 in/ TLB w/crane	$7500
New Long 1199A 3 pt. backhoe	$3000

"RUBBER TIRED LOADERS"

Owattona 1700		$4500
Owattona 1700		$3750
Case 1740		$6000
Case 1740		$4500
Ford 340		$3500
Super Clean Units	Hough 50C w/cab	$12,900
	Cat 922 w/cab	$10,900
	Michigan 175II w/cab	$10,900
Trojan 2WD Diesel		$2500

FARM SHOW SPECIAL

NEW DUNHAM 6 & 8 TON WAGONS

We made a special buy - we pass savings on to you

6 ton (30 Only)	8 ton (7 Only)
list 417.00	list 480.00
less 25 percent 104.25	less 25 percent 120.00
312.75	360.00
Frt. 15.00	Frt. 15.00
YOUR COST $327.75	$375.00

Dealers invited - wide rims & quick tach tongues available - see at our booth at Farm Show or our place of business.

"LOG SKIDDERS"

Int. S7C	$5900

"TRUCKS"

1966 Mack C600 10 wheel dump	$8500
1964 Mack B61 10 wheel dump	$3900
1969 Int. 1800 10 wheel dump	$6500
[3] 1968 Chevy C60 6 wheel dump	$2400 choice
Clark Utility Pickup	$1250
Ford Cattle Truck	$2450
1974 Chevy Pickup-loaded	$3650

"TRAILERS"

2X snowmobile trailer - heavy duty	$500
New Hudson 2X	$1275
[2] New Hudson 2X	$2150
New Hudson 3X	$1675
[2] New Hudson 3X	$2575
New 2 Horse Trlr.	$1975
1971 40' flat	$2000
Motorcycle Trlr.	$395

"MISC. EQUIPMENT"

New Long Box Scraper	$550
Huber M500 Maintainer	$4500
Industrial 4 wheel carts	$75
New 4 post rollbar	$400
3KW generator	$300
[2] Wayne S.P. Sweepers	$950 each
[40] Loader & Backhoe Buckets	$75 & up
Leaf Vacuum	$195
Schramm Air Compressor	$2000
[2] Front Sweeper Attach.	$395
[Double Drum] Sheepsfoot Roller	$1875
Rubber Tired Loader	$795
8' Stone Rake [New]	$475
3 pt. Pulverizer	$475

NH 269 Bale Thrower
Gravity Bins
Corn Cribs
3 Pt. Scraper Blades
[2] Evinrude Snowmobiles
MF 1130 Cab - roll protection
J.D. Cab - 2510-2520-3010-3020-4010-4020-4000-4320
Int. Cab - 706-756-806-826-856-1026-1206-1256-1456
Hesston 30 Mover - 3 tooth scorer
Hesston 10 Stacker
Tool Bar [3 pt.]
[2] 1 pt. FH Platform
Wood Splitter
Recapped Truck Tires
[2] 3 pt. boom pole
Golf Cart
Irrigation System
NI 7' Cut ditioner - rebuilt
IMCO Post Hole Digger
J.D. Rake
J.D. 4 sec. Rotary Hoe [on Wheels]
Sidewinder Rotovator
[2] Long 73" Rotovator
Brillion Packer Seeder
Cub Snow Plow
Super A-100-130-140 Snow Plow
[2] Sprayers [Pull Type PTO]
Oliver PTO Spreader

LONG

HOURS:
Mon. thru Fri. 7:30 - 5:00
Sat Mach. Dept. 7:30 - 3:00
Parts Dept 7:30 - Noon

WENGERS' INC.

LONG

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown.

PHONE: Days 717-866-2138, Nights 717-866-7147.

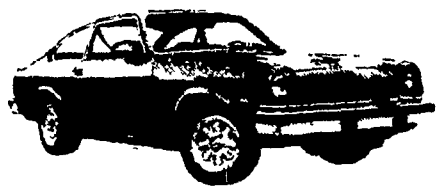
TRY A CLASSIFIED

Trucks

1976 D-100, Auto, PS
1975 Datsun Pickup, 27,000, special paint & Cap, like new, step bumper and air.
1974 D-100 Pickup, 8 cyl. stick, good gas milage
1967 Ford Econoline 8 pass bus
Black Beauty W-100 4 Wheel Drive, Black Sunfire Metallic, Wide Tires.

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center Elizabethtown PA
PHONE 717-367-1808

$200 REBATE ON VEGA & CHEVETTE



WE WILL SELL FOR ONLY 5% OVER DEALER INVOICE . . .

PLUS You Get A $200 Rebate From Chevrolet. Good On Models In Stock Til Jan. 10, 1977

1977 Pickups In Stock!

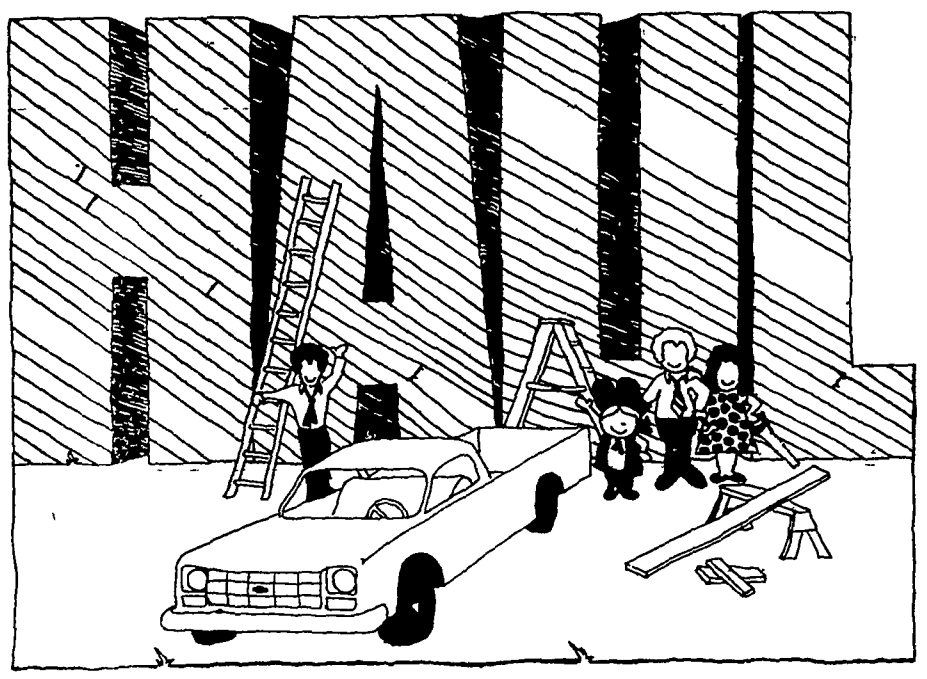
Use Reg. Gas!

Pay Only 5% Over Invoice!

For More Information Contact Dealer:

MENTE CHEVROLET INC.
Kutztown, PA 19530
PH: 215-683-8787

Make a haul. Buy your truck at Heritage.



HERITAGE
Chevrolet
626-2091
Route 501 1/2

NURSERY

FRUIT TREES, nut trees, berry plants, grape vines, landscaping plant material - offered by Virginia's largest growers. Free copy 48-pg. planting guide catalog in color, on request. Waynesboro Nurseries Inc. - Waynesboro, Virginia 22980.

TRY A CLASSIFIED

Trucks

For Sale - '68 Chevrolet pickup with steel livestock racks. PH: Hershey 717-838-1898

For Sale - 1966 Chevy 70 series, 18 foot grain body with hoist. Earl Gross, Ph: 717-382-4254

For Sale - 1971 Ford 12' stake with cattle racks, very good condition; 1961 Chevy 12' dump, good condition. 717-582-2352

For Sale - 1969 GMC ¾, 4 speed, heavy duty shocks and springs, 307 engine. Morgantown 286-9292.

For Sale - 1965 International truck, 1600 Loadstar, 2 speed rear, 14 ft. cattle body, new floor and new ramp. In excellent shape. Two extra tires with truck. - $1950. Phone: 215-536-8906 or 215-536-4008.

For Sale - Aluminum V hydraulic lift ... roll-up rear & curb ...e doors. Heavy floor. Excellent condition. Willow Glen Farm, R1 Strasburg, Pa. 17579 PH: 717-786-2562 noon or evenings.

Wanted - 20 or 22' Flat bed or damaged van body. Also a hoist for 20' bed. 1-717-529-2512

Trucks

For Sale - 1974 Chev. Custom Deluxe C30 Series 1 ton, long wheel base, 12 ft. cattle body. Call 717-859-2531 or 717-733-2444.

For Sale - International dump truck, 10 foot bed, heavy duty, very good condition. Ph: 717-273-6018

ALWAYS THE BEST TRUCKS & VANS
Gilbertsville
Drive a little, Save a lot . . . If We Don't Have It, We'll Get It For You!

OVER 40 IN STOCK

4 WHEEL DRIVE

'74 Chevy K5 Blazer, 4 Speed, PS, PB, V8, Air, was $5495 - Now $4995.
'72 Jeep Commando, 6 Cyl, 3 Spd, 4 Wheel Drive & Free Wheeling Hubs, 2 Tops AM Radio - $2495.
'72 Ford Bronco, 6 Cyl, St. Trans, AM Radio, Vehicle driven only 20,000 Miles, Real Sharp! - $2695.
'71 Chevy C-10 Pickup, V8, Auto, PS, Free Wheeling Hubs - $2795.
'68 Jeep CJ-5 w plow $1595.

TRUCKS

'75 Ford ½ Ton Pickup, V8, Auto, PS, AM, Radio w Tape - $3695.
'75 Ford ½ Ton Pickup, 300 Cu in, 6 Cyl, Std. Trans., New Rubber, Driven Only 13,000 Miles - $3695.
'74 Ford ½ Ton Pickup, 360 V8, w. Ranger Package, Auto, PS, PB, AM Radio $3695.
'74 Chevy ¾ Ton Pickup, Custom Deluxe, V8, Auto, PS, PB, Air, AM FM Radio - $3495.
'74 Ford Super Cab ½ Ton Pickup, V8, Auto, PS, PB, AC - $4295.
'74 Ford ¾ Ton Super Cab with Cap, 360 V8, Auto, PS, Air, Ranger XLT Package, Flip Down Seats $4695.
'73 Dodge ½ Ton Adventurer, Auto, PS, AM, AM Radio, only 25,600 miles - $3195.
'73 Chevy ½ Ton Cheyenne, Auto., V8, PS, PB, AM Radio, Clean! - $3295
'73 Ford ¾ Ton, Ranger Package, 8 Cyl., 4 Spd, PS, PB - $2995.
'73 Dodge ½ Ton Pickup, Club Cab, V8, Auto, PS, 2-Tone Paint - $3195.
'73 GMC ½ Ton Pickup, V8, Std. Trans, PS, PB - $2895.
'73 Datsun w. Cap, 4 Speed, AM-FM - $2595.
'72 Dodge ¾ Ton Crew Cab - THIS VEHICLE LOADED! . . Cap w finished interior 57,000 orig. miles, beautiful burnt orange paint - $3495.
'69 Ford ¾ Ton, 6Cyl, Std. Trans - $1395.
'67 Int. Step Van, 4 Cyl, 4 Speed - $1095.
'66 Ford ½ ton pickup, V-8, standard shift, real clean - $895
'60 Ford ½ Pickup, 6 cyl, std shift, 6½ ft bed - $695.
'49 Chevy 3800 Series, 6 cyl, 4 speed 10 ft stake body with '53 engine, looks & runs real good $995.

VANS

'73 Chevy Sport Van, 350 V8, 12 Pass Auto PS PB Real Sharp - $4295.
'73 Dodge Van, V8 PS PB AM $2695
'73 Dodge Vision Van, V8 Auto PS PB AM Radio Low Mileage $3195.
'71 Ford Van, 6 Cyl Auto, A-Title - $2595.
'71 Chevy Van, Short Wh Base, 6 Cyl, Std Shift - $2395.

MIKE RHODES & CO.
Rt. 663 & Swamp Pike

Automobiles

1976 300 Diesel Merceds Sedan, 20 month warranty $12,500.00;
1975 300 Diesel Sedan loaded $10,500.00;
1972 Saab 3 seated wagon $1075.00;
1971 Datsun 2 dr. $975.00;
1972 Ford Step Side Pickup $1475.00.
Trade, Finance.
814-793-2829
CURRY SUPPLY
Curryville, Pa.

For Sale - 1972 Dodge Challenger, 51,000 miles, in excellent condition - $1,195.00. PH: 717-898-2886

Real Estate

FOR SALE — 81 acre steer feeding farm, Brecknock Township, Berks County. Large 10-room stone home with 2 full baths plus 2 powder rooms. Wall to wall carpeting throughout house. Newly remodeled. 3-room guest house w-fireplace. Large bank barn 40'x100', feed lot macadamed and fenced. A-frame office building 24'x30'. 72 acres of cropland, 9 acres of pasture with stream and pond. For more information call - 717-393-3921 - Lancaster Production Credit Association, 411 West Roseville Road, Lancaster, Pa. 17604

JUNIATA CO., 63 Ac. Hog & Beef Farm, 9 rm. home, farrowing house, barn other bldgs., ASKING $77,800.
PERRY CO., 115 Ac. Farm, 3 BR Rancher, barn other bldgs., financial aid available, ASKING $140,000.
JUNIATA CO., Wooded 21 Ac. adjoining State Lands w-7 rm. cottage, bath, heat, overlooking Juniata River, perfect hunting lodge, $35,700.
LIVERPOOL, Perry Co., feed mill on Rtes. 11 & 15, can be bought with or without inventory.
POTTS REAL ESTATE, 2010 Market St., Camp Hill, Pa. 17011, Ph. 717-761-4185.

Wants to Rent - Farmland, this year, in Manheim, Landisville or East Petersburg area. Phone 717-898-2844.

FARM FOR RENT - 121 Acres, 88 tillable, near Pine Grove, Schuylkill County. House, barn, shed. Dale Troutman, R1, Temple, Pa. 19560 215-929-0574

TEXAS PANHANDLE - THE NEW FARMING FRONTIER. Dalhart, Texas. Long growing season, mild winters, fertile soil. Buy for around $750 per acre. Taxes around 50 cents-per-acre. Grow record-class corn yields and graze livestock on wheat in winter. Call collect for free brochure and listings. Mike Justice & Associates, Land Agents, (806) 249-5613, (806) 249-4000

Wayne and Oliver Townships, Mifflin County, PA. Two adjacent FARMS. 700 acres + -. 1 mile frontage on Juniata River. 350 acres riverbottom and limestone farm ground, 300 acres + - presently tilled. Dairy barn with milk parlor, second barn, frame house, stone house. 400 acres adjoining timberland with marketable timber. Everything for $415,000. Owner will subdivide.
Call D. D. Hoover
814-643-1668
Write or Call
Riverside Farms, Inc.,

For Rent - 180 acre modern Dairy Farm located in Harford County, 28 miles south of York, Pennsylvania on Route 23, 4 miles north of Jarrettsville, Maryland. 100 acres tillable, 50 acre pasture, other land available to cash rent. Double 6 Herringbone milking parlor, 96 free stalls, 2-20 X 60 and 2-14 X 60 silos. Bunk feeder with a large cemented loafing area. New Barn for dry cows and heifers, 3 large machinery sheds and farm shop room. Very good 6 room house with all modern conveniences. Contact by appointment only 301-692-6364

R.D. No. 2 RED LION-York County, 95 acres with good development potential, zoned residential and agricultural, Windsor Twp BAUGHMAN-LEADER, INC., YORK, PA 741-3805 862-3869. (592)

For Sale - 150 acre dairy farm, 3 silos, 12,000 bu. bin and dryer, milking parlor, 2-11 room houses, house trailer, free stalls, manure pit. 717-369-3304.

For Sale - 10 acres of Beautiful mountain land in Lebanon County $12,900.
SUBURBAN REALTY
717-273-9358

Wanted - Farm land to rent, will pay what your land is worth. Write P.O. Box 266W, c-o Lancaster Farming, Lititz, Pa. 17543

For Sale - building lots - 1½ to 2½ acre lots in Juniata County. Also, 10 acre lots - Snyder County - road frontage - Ph: 717-444-3682

FOR SALE

Choice S.E. Minnesota Farms our Speciality, 80 to 500 Acres. Members of Minnesota Listing Exchange.

For information contact

1 Stop
REALTY, INC.
Kasson,
Minnesota 55944
Tele (507) 634-4651

LYCOMING COUNTY, PA.

1½ story building with 6,000 sq. ft. of area plus beautiful Apartment brick and frame construction, excellent condition, 400 ft. frontage on Route 15, 60 parking spaces. Could be modified for Restaurant, Bar & etc. $194,000.00.

40 acre tillable farm with stone home, 5 Bedrooms needs remodeled.

Commercial Lot 400 ft frontage 600 ft. deep on Route 15.

Commercial Lot 1,200 ft frontage, 7 acres at Route 15, $45,000.00

E. JAMES
HOGAN
REALTOR
Office 1-717-393-0646
John P. Hogawic, Sr.

Real Estate

SENECA COUNTY - NEW YORK STATE

180 acres - 130 T., barns, woods, average home - financing - $80,000

200 acres - 175 T., drive thru barn, brick home, priced high!

175 Tillable acres, dairy set up - best ground in area - priced $135,000

420 acres - 380 T., milking parlor, loose housing, 150 milkers, purebred holsteins, 17,000 herd average, completely equipped and stocked, financing - $530,000 or buy bare.

100 acres T., old barns, good land - $500 per acre

315 acres - 230 T., 2 homes, barns, good land - priced - $153,000

94 acres - excellent large home - barns, pool, mobile home - priced $75,000

135 acres - 125 T., - 31 stanchions, silo and unloader, beautiful brick home. Best sale in state - $135,000

We have "a whole lot of farms for sale"
Food only Restaurant for sale - netting over $50,000 per year.

Alfred J. Farney, Salesman
Lifetime Farming Experience
"We move land"

WJW REALTY
Seneca Falls, New York
Phone 315-568-5910 or
315-568-5502

Real Estate

MIFFLIN COUNTY - 212 acre beef farm, 65 tillable, excellent ranch style 6 room and bath house, 45x60 barn with 36x60 loafing pen, plenty of water, all out buildings in excellent condition. James Rittenhouse, RD No. 1, McVeytown, Pa. 17051, 314-542-4195.

Very pleasant brick farm house, 3 bedroom, bath & heat. Mount Joy area. About April 1. Write P.O. Box 266X, Lancaster Farming, Lititz, Pa. 17543

Real Estate

Farm for Rent Central New York State Dairy Farm, 40 cow barn, over 100 acres tillable, large home, available now with or without option to buy. Reply to Box 266Q, c-o Lancaster Farming, Lititz, Penna. 17543

For Sale: 140 acres mountain land - good hunting (deer, bear & turkey) joined by acres of state forest land - $400 per acre. Ph: 717-444-3682

LANCASTER COUNTY FARMS

116 Acre Dairy Farm, 80 acres tillable, 43 stanchions 400 gal bulk tank, 2 silos, barn cleaner, corn barn 3 car garage hog and poultry shed, frame and aluminum dwelling with 7 rooms and bath Colerain Twp Owner financing available

110 Acre Dairy Farm, 85 acres tillable, stone barn, tobacco shed, corn barn, machine shed, stone and brick dwelling West Lampeter Twp

132 Acres with out buildings, 90 acres tillable, 20 acres pasture land with stream, balance level woodland Little Britain Twp Owner financing available

Emory D. WAGNER Co. Realtors
215 West Fourth Street
Quarryville, Pa. 17566
(717) 786-2131 or 786-3020

Real Estate

FOR SALE BY OWNER
Chester County, Amish neighbors, 90 acres with stone house, 64x120 barn with feeding system from 24x60 silo and 12x65 Hi-Moisture silo, other buildings. Pond, stream and well water. Also 30 more acres available. Will help finance. Also 70 acres woods ground in Caernarvon and Salisbury Twps., Lancaster County. Write to Box 112, Chester Springs, Pa. 19425

Real Estate

248 Acre Beef & Poultry Farm

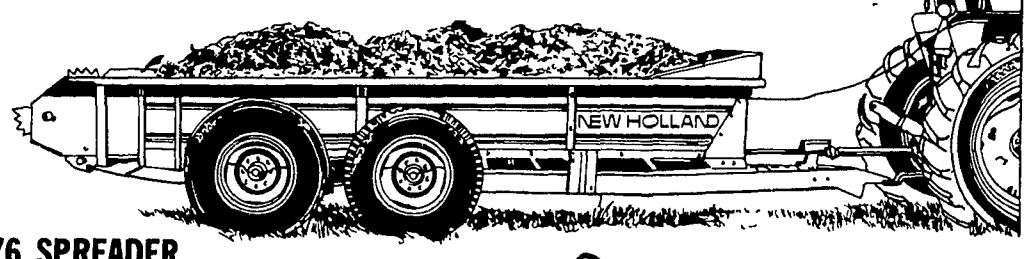
120 Acre crop land, 73,000 layers. Facilities for 140 steers. 30 miles from Allentown, eastern Schuylkill County.
PH: 717-386-5246 or
Write P.O. Box 266P
c-o Lancaster Farming,
Lititz, PA 17543

150 acre Dairy Farm in Susquehanna County (Montrose and Bridgewater Township), 50 tie stalls with gutter cleaner, 2 silos, 650 gallon Esco tank, attached heifer barn, 2 story Colonial residence with 3 BR's, modern kitchen, large living room with fireplace - $125,000

arnolmont REALTY CORP.
P.O. Box 577, Avondale, Penna. 19311
(215) 869-8711

SEE US FOR YOUR SPREADER NEEDS

ALL SIZES AND ATTACHMENTS AVAILABLE



MODEL S-676 SPREADER

FREE FINANCE . . .

Hay Equip	June 1, 1977
Combines	July 1, 1977
Fall Forage	Sept. 1, 1977

1-574 TRACTOR WITH DUNHAM LOADER

Start 1977 with a check from SPERRY NEW HOLLAND:

your winter buyer's dividend!

USED EQUIPMENT

Farmall 400 fast hitch
MM 335 w/loader
NH 273 baler with thrower
NH 276 baler with thrower
NH 320 baler with thrower
NH 68 baler
NH 479 haybine
Gehl haybine
NH 327 spreader
IH 150 bu. spreader
NH 330 spreader
NH 511 spreader
NH 365 tank spreader
NH 345 tank spreader
Fox hopper blower
Gehl Hopper Blower
IH 50 harvester - 2 row head
NH 717 harvester - 2 row head
IH 10 grain drill
IH 370 disk - 12 ft
IH 540 plow, 4 bot. 16"
IH 9A disk
1-row corn picker
NI 322 2-row mtd. corn picker

Stop and See Us at the PA Farm Show at the New Holland or International Booths

SPECIAL - 1 ONLY — New Holland 357 Grinder-Mixer, hydraulic drive, 2 screens, magnet, fenders, flotation tires, 20 ft. unloading. SALE PRICE $4475.00

MESSICK FARM EQUIPMENT INC.

2750 N. MARKET STREET PHONE 367-1319; ELIZABETHTOWN, PA
JOHN KREIDER HOME 367-6039 WARREN SPICKLER HOME 653-4560

Our 51st Year

UNITED FARM AGENCY — Uniting buyer and seller

Abandoned Farm

Bring this forgotten 75-acre New York farm into productivity again. 35 acres tillable, pasture, woods for hunting, hiking and firewood. Springs, pond site, stream winds thru full length of property. Old 2-story house might be restored, barn with loft. On hardtop near ski center. Action-priced at only $25,500.

Hey, Country Lovers!

Lose your heart over this 50-acre New York farm with remodeled 9-room home! Ideal for organic farm, as much organic matter added over the years. Well-maintained 3-bedroom home, kitchen has built-in range, oven, bath. Washer, dryer, other furniture included. Garage. Fronts 2 town highways for future development possibilities. 400-ft. stream frontage. Heart stealer at $39,000, low down payment.

Stocked & Equipt Dairy

Fine 193-acre Pennsylvania dairy farm comes with 27 registered Holstein cows, 3 springer heifers, 3 calves, 2 tractors, baler, haybine, other machinery plus feed at time of sale. 120 tillable acres, all limed and fertilized, 33 acres pasture, 2 ponds, 2 springs. Good two-story 10-room-and-bath insulated home, furnace. 40-stanchion dairy barn, milk house, 300-gal. bulk tank, 2 silos, 20-stanchion heifer barn. On paved road, 200 miles Philadelphia and N.Y.C. Start milking for $169,000 complete.

New - Free 280-page SPRING 1977 Catalog! Describes over 2,500 top values in 39 states.

UNITED FARM AGENCY
P.O. Box 9239-LF
Rochester, N.Y. 14625
Ph. Toll-free:
1-800-821-2599

Real Estate | Real Estate

100 FARMS FOR SALE CENTRAL NEW YORK
WAYNE, SENECA, CAYUGA, ONTARIO COUNTIES

F-253 500 acres, 300 tillable, 120 freestall operation plus heifer facilities. 3 Harvestores, Good large house. $200,000.

New listing: 117 acres, 80 tillable, Honeoye soil, good barn, house. $70,000.

F-300 - Excellent house, three good barns, 100 acres, 78 tillable. $65,000.

F-135 - Very nice 36 cow barn, 16x50 silo, good 10 room house, 170 acres, 130 tillable. $80,000.

F-46 - 90 acres, good 22 stanchion barn, other barns, 2-14x40 silos. Very nice house. $59,500.

D'AMATO REAL ESTATE, INC.
65 Glasgow Street, Clyde, N.Y.
315-923-7021 or call
Harry Pettingill, Jr. Broker,
Seneca Falls, NY,
Phone 315-568-9708.

SOUTH CENTRAL PENNSYLVANIA FARMS

ADAMS COUNTY

GENERAL (York Springs)
212 acres of elegance, large center hall, open staircase, brick house, 50x110 bank laminated rafter barn and other out buildings with a good stream and 3 acre farm pond.

CUMBERLAND COUNTY

DAIRY (Newville)
171 acre productive limestone, 36 tie stalls, 2 silos (750 tons cap.) 140' feed bunk, 60x74 loose housing area, 45x7[illegible] bank barn, 30x98 imp. shed and other out buildings. Solid frame house, oil forced hot air furnace and 1 bath.

GENERAL (Newville)
140 Acre Limestone, gently rolling, highly productive with good set of solid buildings. 50x80 bank barn, 12x45 concrete stave silo, plus a 3 bedroom brick & frame house.

NO BARN (Carlisle)
135 Acres limestone with [illegible]room frame house, excell[illegible]. Build to the specification[illegible] own livestock enterprise.

Sales Agreement

DAIRY (Mechanicsburg)
122 Acres Limestone, 30 tie stalls, 10 x 45 silo, solid charming brick house with 4 fireplaces, other out buildings, plus 1800 ft. of frontage on Yellow Breeches Creek.

DAIRY (Newville)
110 acre limestone, 93 free stalls, double 5 herringbone parlor, 600 gal. tank, 3 concrete stave silos (2000 ton) large 8 room brick house, center hallway, open staircase.

DAIRY (Carlisle)
103 acre limestone, 38 stanchions, stable cleaner, 2 silos, 400 gal. tank, beautiful modern 7 room brick house, open stairway, secluded.

GENERAL (Carlisle)
87 acre limestone, no barn, solid modern 7 room brick house.

BEEF (Carlisle)
60 acre limestone, 14x60 silo, bunk feeder, good solid modern frame 7 room house.

ACREAGE WITH BARN (Carlisle)
40 acres solid bank barn with silo. No house.

HORSE FARM (Carlisle)
31 acres, modern 4 bedroom frame and aluminum siding house, solid small bank barn, stream flowing through farm.

FARMETTE (Newville)
14.5 acres, 11 room solid log and frame house with oil FHA furnace, small bank barn and other out buildings. Features (2) spring fed ponds.

FARMETTE (Carlisle)
10 acres with full set of farm buildings, large modern frame house with special charm.

YORK COUNTY

GENERAL (Dillsburg)
102 acres, solid frame house, livable, brick bank barn, double corn crib wagon shed and other out buildings.

Other Real Estate-Land, Commercial, Industrial, Residential.

If you are thinking about selling your farm, give us a call for a "No Obligation Appraisal".

John B. Niesley, Farm Representative
Home Phone 717-243-7575

GEORGE C. EBENER
Carlisle, PA
Phone 717-243-6195

TOP QUALITY MINNESOTA FARMS

300 A. Farm w-276 A. of some of the Very Best Til. Soil in S.E. Minn. Good 4 bedroom home, 16x60 Silo, 100' belt feeder & bunk, loafing building, concrete, barn, granery, other out buildings. This farm produces excellent yields in 1976. Good terms from Seller.

350 A. Farm w-approx. 315 acres of good til. land, 57 stanchion Dairy barn, 20x70 cement stave and 20x55 Harvestor silos, 400 gal. bulk tank, equipment to stay 50x100 machine shed many other buildings. Good 4-5 bedroom brick home.

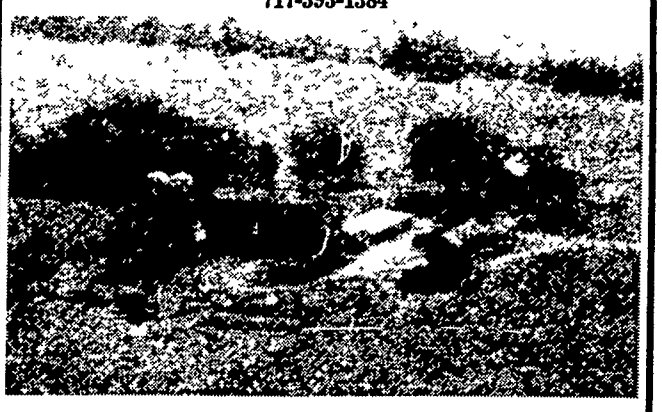
We have a good selection of other fine Farms throughout Minnesota, some of which produced in excess of 150 Bu. dry corn in 1976!!

Contact:

ROY MONTGOMERY REALTY
Plainview, Minn. 55964
Ph: 507-534-2315 Anytime

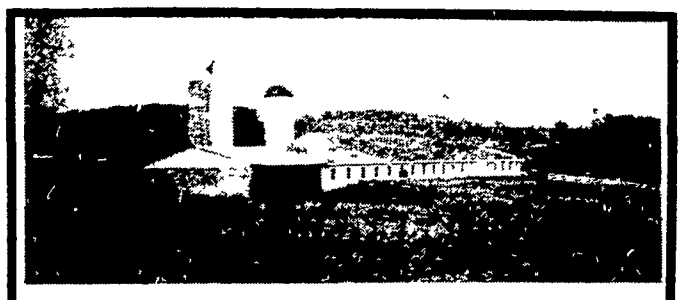
ROBERT E. PLANK, REALTOR

717-393-1384



NITTANY VALLEY
Level-Level-Level. Must be seen to Believe. Large Dairy Farm, Ideal for 2 family operation. One set of buildings.
Priced to sell at $1500. per acre.

Call
ELMER ROHRER
717—687-8365



DAIRY OR BEEF

This 210 ft. barn will need the dairy stalls partitions replaced or a milking parlor to provide an excellent dairy operation on 362 acres, 300 tillable, with excellent crop and equipment storage facilities. A very nice 7 room and bath farm home. Call for a more detailed description at $295,000.

Columbia County - 100 acres dairy farm, 80 plus tillable acres, level land, 58 comfort stalls, Bou-matic pipeline, 800 gallon tank, 18 x 55 and 20 x 50 silos, possible owner financing-$175,000

Beef Operation in Somerset County, 153 acres with 40 x 90, 30 x 72 and 12 x 44 loose housing areas, 2 silos with unloaders, conveyors and a 100' bunk feeder. A 40 x 50 machine shed, a 4 bedroom and bath home and a very nice mobile home all for only $120,000

A Beautiful Dairy farm in Somerset County, 128 acres and 2 sets of buildings. A 50 x 216 dairy barn, 2 silos with unloaders, pipeline and barn cleaner, 2 large machine sheds and a lovely 4 bedroom farm home. Second set of buildings has a 45 x 60 loose housing barn and a nice 3 bedroom house. $225,000

Beautiful setting, 192 acres with lake frontage in Somerset County, a beautiful 10 room and 2-½ bath home, a 44 x 94 barn and a 40 x 54 barn. Excellent buy at $140,000

205 acres with a 40 x 90 barn, machine shed, 4 car garage and a very nice 4 bedroom home. About 2-½ miles of road frontage-$150,000

Snyder County, 104 acres, 2 Harvestore silos, 38 free stalls and a 13 room farm home. $250,000

Snyder County-90 acres nearly all tiliable, hog and beef and nice laying land, beautiful brick home, Mennonite community-$149,000

Somerset County, 236 acres, 33 dairy stalls, 30 x 30 loose housing, pipeline, barn cleaner, bulk tank and a nice 6 rooms and bath home. $130,000

KINGSWAY REALTY
REALTORS
149 E King St[illegible]
Phone 299-0791
REALTOR

PAUL M. Longacre
FARMS AND COUNTRY PLACES

JUNIATA COUNTY
100 Acres beef or swine farm with completely remodeled 2 story stone colonial house Barn outbuildings $138,000

MONTGOMERY COUNTY
30 Acres Zoned Commercial Ground south of Bally on Route 100 $2 000 00 per acre

75 acres, $3 500 00 per acre large amount of road frontage

Commercial property, two greenhouses, large lot, 2½ story brick house, $110,000.00

20 acres Industrial ground for sale $6 000 per acre 6th Street in Red Hill

BERKS COUNTY
Commercial and residential 43 acres near Bally $2500 per acre

A gentleman s farm 64 acre steer farm zoned industrial, set up for over 1000 head. 5 steer barns, lot fences, feed center 5 bay garage exceptional new farmhouse with 8 rooms 3 baths, fireplace swimming pool, etc $500,000.00.

2 Acres wooded lot Barto area $10,000.

11 Acres wooded acreage Barto area $15,000.

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated $160,000.00.

SUSQUEHANNA COUNTY
Hunting ground 165 acres, approx 8 acre lake $550 00 per acre

150 acres hunting ground mostly wooded, accessible by road through most of property $550 00 per acre

BRADFORD COUNTY
128 Acre dairy farm 96 tillable bulk tank barn cleaner 50 stall barn and silo 37 milk cows 18 heifers full line of machinery, 6 room house and bath, attached garage all for $133,000

310 acres hunting ground 70 acres open farm ground $320 00 per acre

148 acre dairy farm 54 stanchions 2 silos modern frame house $130,000 00

105 acre dairy farm 72 tillable 31 stanchions 2 silos 7 room house modern, in excel condition $120,000.00.

110 acre dairy farm 50 stanchion barn 2 story shed silos machinery included Colonial type house 9 rooms 1½ baths $98,000

103 acre dairy farm large 7 room house with out buildings $120,000 00

BUCKS COUNTY
69 acre dairy farm 47 acres zoned village res beautiful 2½ S stone house with barn and out buildings $490,000

CLINTON COUNTY
Two adjoining farms available 148 ac dairy farm 16 room house 3½ baths 3 car garage frame barn etc $125,000 00

113 acre steer farm 6 room frame house with 1½ baths good creek fenced areas $100,000 00

WESTMORELAND COUNTY
142 acre ready-to go fully equipped jug milk store with complete meat store operation Paper and jug milk processing 110 cows full line of modern machinery, 3 houses sheds and barn HarvestoreSilo Milk store on 7 acres next to development in town 135 acre dairy farm with sewer line to edge of property located with 6½ miles of new VW plant to start production within a year What a wonderful opportunity for good operator with sound business sense All for only $650,000

LUZERNE COUNTY
141 acre General Farm 110 acres tillable good frame house 9 rooms & bath some outbuildings need repair $120,000 00

Very Good Dairy Farm 224 acreage large beautiful stone house 2 fireplaces 140 acres tillable rest pasture & approx 20 acres wooded 60 comfort stalls bulk tank transfer station large sheds heifer & dry cow extra barn 2nd house ranch very good condition This is an outstanding beautifully located farm with gently rolling ground $240,000

SCHUYLKILL COUNTY
Thriving 18 hole golf course 90 acres zoned commercial Electric cart shed club house restaurant patio a new 3 bedroom ranch house 2 car garage A farm house 9 rooms & bath (5 bedrooms) machinery & storage shed all for $400,000.

TIOGA COUNTY
800 acre Dairy Farm w a picture setting a very profitable operated farm owner retiring Absolutely beautiful rebuilt main house very good second house, plus good tenant house 1 concrete & 2 Harvestore silos on main farm w double 5 milking parlor & bulk tank etc Free stall barn w-extra stalls in old barn Must be seen to be appreciated All this for $350,000 Cattle & Equipment can be purchased by separate contract

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100
Hereford, PA 18056
Ph: 215-679-5919

Geology

The word "geology" means the study of the Earth, but the science of geology is specifically concerned with enlightening the history of the Earth by the study of its rocks and of the changes, both internal and external, which it has undergone or is undergoing

Growing Planet

The population of the world almost doubled between 1930 and 1970. If the present rate of increase continues, there will be 7,000 million people on earth in the year 2010.

Real Estate

Farm For Sale - 100 acres more or less in southern York County. PH: 717-244-1444 Sale by owner.

App. 35 A. nearly level lime stone ground (no large stones) suitable for farming or building 2 mi. N. W. of Shippensburg Franklin Co. less than $2000.00 per acre. Call Shippensburg, Pa. 532-2771 after 4:00 P.M.

Real Estate

153A farm, house and large barn

180A dairy farm - 4 bedroom house, good condition, new freestall dairy barn.

10A tracts of land - some wooded and some open land.

CHARLES H. FORREY
Real Estate Broker
18 Greenfield Road
Lancaster, Pa. 17604
Phone 717-392-6655
or 717-656-8430

Real Estate

For Sale - 2½ story house newly remodeled, new roof, 4 bedrooms, 1½ bath, fully insulated with 2 car garage, barn and shop, ⅞ acre. Phone 717-354-7897

For Sale By Owner - Arkport New York Dairy Farm - 347 acres, 80 cow free stall barn, milking parlor, 2 Harvestores, one concrete silo, automatic feeding, modern home. Marvin Mac Naughton, 607-295-7528

Real Estate

Real Estate

CENTRAL PA. FARMS

Huntingdon County - located in Western Huntingdon County, this productive 338 acre farm features 172 acres tillable of predominantly Hagerstown silt loam soil, 136 acres pasture and 30 acres of woodland There are 4 dwellings, large barn for livestock or dairy, like new 20' x 60' concrete stave silo and older 14' x 40' concrete stave silo and several miscellaneous buildings This farm is located with good access to Huntingdon Hollidaysburg, Altoona and State College, and also features spring water Priced at $195,000

Huntingdon County - Nice 277 acre Dairy farm with 240 acres tillable, 33 acres pasture, & 4 acres woodland Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank, & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings The majority of this farm lays quite nicely Located 20 miles from State College Priced at $275,000 with owner financing available

Blair County - Nice 200 Acre Farm & Nursery business with a very good 2 story Colonial Stone house, 2 story frame barn, heated workshop garage, & greenhouse, containing 94 acres of tillable limestone soil, 76 acres pasture & 30 acres woods A large amount of nursery stock & farm & nursery equipment are included in this sale This property also features secluded river frontage, several caves & an excellent water supply Priced at $330,000

Montour County - Very productive 300 Acre grain farm, 285 Acres tillable. Very nice laying Limestone soil Excellent house, 2 barns, complete grain drying facilities with dryer, storage bin & grain leg, 2 good springs, small stream, good road frontage, low taxes Located near Limestoneville in excellent farming area A picturesque farm, reasonably priced

Huntingdon County - Good General, Beef, or Hog Farm, 160 Acres, 100 Acre Tillable, 30 Acres Pasture & 30 Woodland Large double house, barn with liquid manure pit & cemented floor (fixed for finishing 200 hogs), 2 trench silos (cemented), excellent spring water, pond & productive soil Only 40 minutes from Raystown Dam, the farm has good frontage & very low taxes Equipment available & it adjoins state game lands Priced at $128,000 Owner financing with only 20 percent down

Clinton County - 151 acre farm suitable for dairy, or livestock operation 110 acres tillable, good 6 bedroom house large bank barn, good condition, spring water $125,000 with terms

Lycoming County 460 A Dairy Farm Approximately 185 acres tillable Level bottom ground, excellent productivity, 30 A Pasture, 245 A woodland w-gd timber Excellent 2 story house with aluminum siding, barn w free stall barn attachment (90 free stalls), 20x60 Harvestore Silo w-provision for bunk feeder 2 streams & owner financing available Priced at $250,000 Available this fall or next spring Owner financing at 7 percent

CENTRAL PA. LAND, CABINS

Ideal for Weekend Relaxation
Many properties have terms available

Centre County

1 Acre - top of Centre Hall Mountain Well built cabin - $10,000
3 38 Acres - wooded lot in Corl Acres subdivision in Ferguson Twp, approximately 4 miles from State College $20,000
189 Acres - wooded, adjoining State ground privacy - could be split $72,765
10 29 Acres - wooded, new barn, nice location $44,000
68 Acres - wooded, good hunting area-$30,600
218 9 Acres - wooded ground, stream good hunting Priced at $350 an acre
100 Acres wooded - two springs, excellent cabin excellent hunting
39 Acres - wooded - frontage on Penn's Creek - $17,000
100 Acres pond, orchard and woodland excellent hunting and fishing $75,000
35 Acres - two acres clear - balance wooded some nursery stock $21,000
50 acres at $250 an acre, 50 acres at $330 an acre (with year round spring), light timber good bird hunting, electricity available

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Kissinger Leonard & Heim can offer you
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BRADFORD COUNTY

166 a.-95 till.- Barn: 40 stanchions, plus 3 box stalls and 12'x40' area for heifers-cleaner-550 gal. tank-dumping station-4 milkers-1 silo-Dwelling: 4 bdrm.-new roof-new doors throughout home. Good view for 4 miles. Excellent buy at $95,000.

225 a.-150 till.- Barn: 44 stanchions on pipeline milker-13 stanchions without- barn cleaner- 2 silos (16'x60' and 20'x60') with unloaders - bulk tank-automatic washers. Dwelling- 6 yrs. old-4 bdrm. in excellent condition - full cellar. Good buy at $127,500.

LYCOMING COUNTY

Lycoming County 150 a.-100 till.-Barn: 70 stanchions with pipeline milkers-3 boxstalls-cleaner- main barn is 40'x196'-800 gal. tank-bathroom-septic tank-4 silos-hay-bulk feed bin- insulated workshop (20'x40')-one metal grain bin-(4,000 bushel capacity)- gas & diesel tanks-Dwelling: 4 bdrm. recently remodelled- land available to rent or lease. TERMS: $80,000. down rest at 7½ per cent for 15 years. Total price: $225,000.

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Mifflin County general farm.

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WANTED

150 TO 200 ACRE DAIRY FARM

Limestone or good soil. Possession wanted before 1st of April. Have down payment.

M. KARL HARBAUGH
R2 Waynesboro, PA
17268

For Sale by owner: 258 acre Allegheny County Farm - 100 acres tillable. 45 stanchion barn, Heifer barn, 9 stanchions, 2 silos, Chemstore Harvestor for high moisture corn, large tool shed - 60 head of stock - fully equipped - 4 bedroom house, hard road frontage. Bus-firm - $135,000.00 Second house available.
Phone 716-593-3429
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WAIVER OF FINANCE ON ALL HAY EQUIPMENT TILL JUNE 1, 1977 AND FORAGE EQUIPMENT TILL SEPT. 1, 1977

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GET YOUR MACHINES READY FOR NEXT SEASON

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This offer includes Lawn and Garden Equipment.

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276 N H baler w/58 thrower
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268 N.H baler w/53A thrower
#10 M F. baler w/thrower
A C 302 baler w/engine
37 I H baler w/#10 thrower
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Vicon wheel rake
Case 4 bar rake
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A.C 9 ft. transport disk harrow
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A.C. gleaner FKS combine w-cab & grain saver, 13 ft. grain head & 430 corn head, 1974 model, excellent condition

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Real Estate

Real Estate

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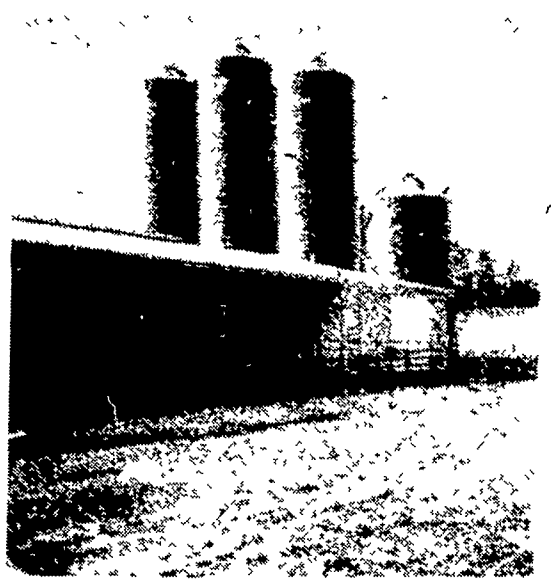

66 Acres, completely automated Harvestore feedlot for 500 head, from feed meters to liquid manure. Includes (2) 20 x 80, (1) 20 x 70, (1) 20 x 35 Silo's. Located South of Reading.

50 Acre Dairy Farm, frame bank barn with 28 comfort stalls & other out buildings. 10 room frame house, all buildings in excel. cond., 40 acres zoned R-2, lots of road frontage. Located West of Reading, Berks County.

7½ Acres, 2½ story frame home w-aluminum siding. Wall to wall carpeting, large stone fireplace, open beam ceilings, 2½ baths, old shade trees. All level usable ground. Located in Eastern Lancaster County.

700 Acre dairy or general farm, 500 acres tillable, 4 houses, 3 bank barns, streams, springs, owner financing. Located in Perry County.

160 Acre grain & beef farm, 120 acres tillable, 2 barns, 10 room brick house. Located in Lehigh County.

10 Acres Woodland, ideal location for hunting cabin or summer home. Approx. 12 miles north of Exit 13, Huntington County.

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Main St., Morgantown, Pa. 19543
215-286-5183

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Minneapolis, Minn. 55403
612-377-1489

Real Estate

Desire to rent ground, suitable for growing corn in Lancaster & Lebanon County, state type soil, location of ground & price desired. Write P.O. Box 266V, Lancaster Farming, Lititz, Pa. 17543

FRANKLIN CO. PA

166 acre limestone farm, 100 tillable, nice stream through pasture. Large barn, remodeled stone home, spring house and other outbuildings. All buildings good condition.

150 acre dairy farm w-milking parlor, 134 free stalls, 4 silos, 2 homes. Call immediately for more particulars.

107 acre limestone farm, land lays nice, borders stream. Bank barn, 20 ft. x 100 ft. hog buildings, stone home.

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Shady Grove, PA 17256
Ph: 717-597-8300

4 - 5 ACRE FARM
with barn, tobacco shed and hog stable. A nice 4 bedroom home with electric, new sewer system ready for hookup and never failing spring. Also, 32 additional acres can be purchased.

119 ACRE DAIRY FARM
80 tillable acres, adjoining 50 acres for lease. Dairy facilities for 80 cows. Borders Mahanganta Creek. 4 bedroom home in nice condition. Excellent buy!

330 ACRE DAIRY FARM
236 tillable, 2 good homes, 2 barns, 5 Harvestores, 90 free stalls, pipeline milkers for 37 cows, bulk tank, very productive, north of Harrisburg.

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Real Estate

For Rent - 3 room apartment, unfurnished. 228 Main Street, Morgantown, Pa. $150.00 monthly. Ph: 215-286-0581 or M07-5329.

208 acre modern hog farm, farrow to finish, 4,000 head annually. Harold Fries, P.O. Box 149, Bedford, Pa. 15522. 814-623-9223.

Real Estate

Farm For Sale
By Owner
227 acres, very productive soil, Lykens Valley, Upper Dauphin County.
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Sunbury - 123 Acres Beef & Hog Farm. Hog feeder barn for 250 hogs w-bins, silos 14x40, grain dryer, (2) 3,500 capacity bins, 40 stanchions, loafing barn, real nice 12 room house, farm pond, only $135,000.
80 Acre General with Mobile Home Park. Montour Co.
152 Acre General $139,000. Clinton Co.
Nittany Valley - 146 Acre General Farm, Limestone and Hagerstown soil $135,000. Open for offers. Clinton Co.
Penns Valley - Centre Hall 158 Acre Dairy Farm, 20x60 silo, limestone soil, Centre Co.
73 Acres, Mountain stream, trout pond $78,000. Clinton Co.
56 Acre General $60,000. Northumberland Co.
80 Acres, no buildings, $80,000. Columbia Co.

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450 level acres with 300 tillable. Main barn with 52 ties, two silos with unloaders, gutter cleaner, bulk tank, milkers etc. 70 acres alfalfa, 75 acres stream watered pasture. 10 room main modernized home, tenant house. This farm may be divided.

398 acres, over 300 tillable, 50 alfalfa and trefoil. Main barn has 102 tie stalls, 6 unit parlor, bulk tank and three silos. Modernized five bedroom house plus Mobile Home.

180 acres, 100 tillable, 40 acres alfalfa. Main barn 40' x 180' with 70 tie stalls, 3 silos with unloaders, 12 ton feed bin, attached 40' x 90' bunk feeder shed. Three bay heated garage and workshop. 1000 gal bulk tank with pipeline milker. Nice four bedroom modernized home with attached garage, 1½ baths, fireplace and central heat. 70 acres, all tillable, adjacent with good house and barn used for young and dry stock. All could go together for $225,000. Real Estate only.

215 acres, mostly tillable. Main barn with 36 stanchions, silo, bulk tank etc. Large modernized house. Many extras. $88000.00
Several others to show anytime by appointment.
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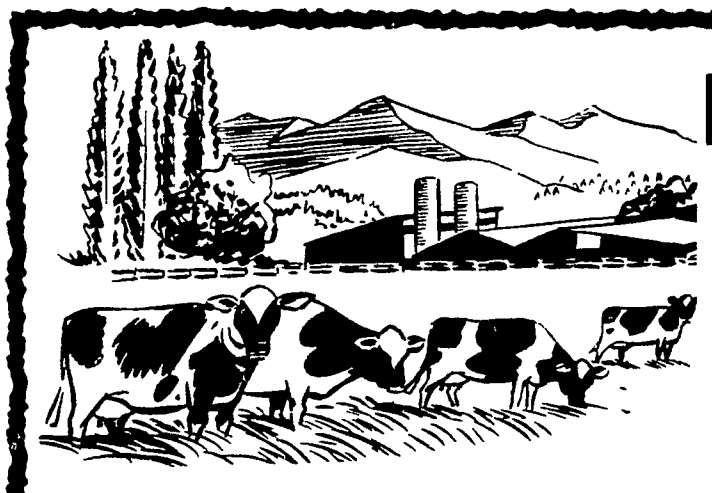
Write Dundee, N.Y. 14837.



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NORTHUMBERLAND CO. DAIRY FARM
103 acres of good producing, relatively level land, nearly all tillable. Miles of hard road frontage. A good 2½ story, 4 bedroom, farm house with modern kitchen. Free stalls for 65 head and room for expansion. 2 bunk-automatic feeders - 2 large concrete silos - 1, 20' x 70' sealed concrete with hydrolic bottom unloader. A handy small family sized operation. Check this one - Asking $185,000.

MIFFLIN CO. - LEWISTOWN AREA
150 acres total and 130 acres tillable. Excellent dairy farm - barn with 38 comfort stalls - pipeline milker - 600 gal. bulk tank. 2 concrete stave silos (one 20' x 70' - only 2 yrs. old) with unloaders. 2 story farm house with aluminum siding and modern facilities. Hard road frontage. A good producing family farm. Asking $200,000. Present an offer

A GENTLEMANS FARM - SNYDER CO.
A large brick farm house all modern and well kept. 20 acres of productive land bordering a creek and along a main road, just out of town a short distance. There is a large bank barn built of beautiful stone and of historic value. Truly an excellent property for the family to grow up on, or the horse lover and small farm operator.
Call to see this one at $90,000.

YORK CO. - GENTLEMANS ESTATE
East of York - 68 acres of gentle rolling farm land. 17 acres planted in hybrid producing vineyards. A large bank, stable barn, kennels, 3 ponds and an inground swimming pool. The house is a beautiful restored stone home including 12 rooms, redone and remodeled in excellent taste. 2-car Carport and full improved basement. Call to get details.

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OR

RAYMOND H. DENLINGER
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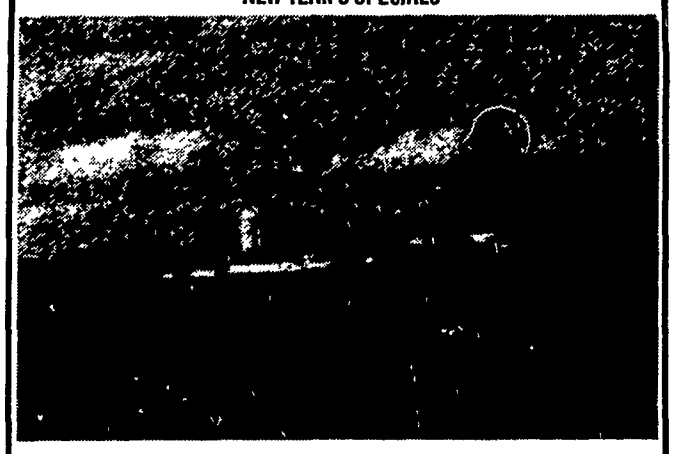
Real Estate

NEW YEAR'S SPECIALS



275A. 70 A Good timber, barn 36x177' w-20'x55' Annex 50 stalls, box stalls, 6 unit pipeline milker, new Jamesway tube ventilating system, bunk feeder, 2 bulk tanks, 24x70 Madison Silo w-Big Jim unloader new 50x112' steel storage shed, nice 7 room home with conveniences 170 Reg holsteins & farm equipment This is a showplace overlooking large lake

121 A. 100 til. Balance pasture Beef barn, 140' long, 10 room home, buildings in good condition, 2 streams

242 A. 180 til. Barn 36x106' w 36x84' Annex 60 stalls, 5 unit pipeline, 2 bulk tank, 20x30 Harvestore, 2 other silos 40x80' steel shed 9 room immaculate farm house, plus modern 1½ story tenant house, 3 stocked ponds, large lawn, old shade Must be seen to be appreciated This is a dandy

68 A. Large barn, modern brick home

67 A. Joining above, good set of buildings Owner says sell

113 A Level Limestone Lancaster County showplace Excellent buildings, shown by appointment only

Thank You For Making 1976 A
Very Good Year &
Wishing All A Very Happy & Prosperous New Year

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D. Martin Zimmerman, Realtor
Loren L. Zimmerman, Realtor Associate
Nelson Martin, Realtor Associate
Blue Ball, PA
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Real Estate

Early American 1840 Stone Farm House with stone spring house. Nestled in Picturesque valley on 145 acres. About 80 acres tillable, good hunting, Schuylkill Haven School District. Less than $935 per acred. PH: 717-754-7142 or Write R. H. Stevens, R1 Box 266, Auburn, Pa. 17922

156 acre dairy farm, 4 silos, double 6 Bo-matic parlor, 3 in. low line, 135 free stalls, manure pit, 2-11 room houses, house trailer, grain bins, dryer, 12,000 bu. mix mill grainer. Pennsylvania 717-369-3304.

MINNESOTA FARM NEAR IOWA BORDER - 290 ACRES

Set up for dairy or beef stock plus hogs - newer ranch style home, large dairy barn, farrowing house, cattle sheds, two silos with unloaders and automatic feed bunks on concrete lots. 171 acres tillable, highly fertile soil, produces high yields of corn, beans and tons of alfalfa.

Contract terms and early possession.

Call for appointment now.
Kenneth E. Hart
Ph: 319-277-2396
MASON REALTY, INC.
Ph: 319-234-4127
629 West Fifth Street
Waterloo, Iowa

Real Estate

98-½ acre farm, limestone soil, 8 room brick home, frame and brick barn, strong spring on property. Marion Township, Berks County. To be sold on public sale, Saturday, January 22, 1977 at 1 PM. For information call:
HORNING FARM AGENCY
215-286-5183

Mail Box Market

For Sale - girls ice skates, like new, white leather, size 8. Ben F. Hoover, Jr. R. D. 1, New Holland, Pa.

For Sale - JD 4 row model 1440 O-till plateless corn planter with dry fertilizer and insecticide attachment. PH: 717-776-5746

For Sale - 1927 International ¾ ton 4 cylinder - as is - $300.00. Also, 1923 Chevy 4 cylinder motor - $100.00. PH: 717-933-8545.

For Sale - 2 good proven purebred Yorkshire boars, 14 months old. PH: 717-442-8126 Elvin Beiler

Wanted to buy - 30 Holstein steers, 1,000 pounds or over. Ph: 717-786-3782.

For Sale - Herd of 25 purebred and grade Holsteins for February or March. PH: 717-354-9815.

For Sale - G A-C tractor with cultivator and plow-$1200; PTO manure spreader -$175; JD lime and fertilizer spreader - $150. PH: 717-354-0266.

Mail Box Market

For Rent - ½ farm house in Manheim area. Ph: 717-354-7180.

For Sale - 40 pigs, 8 weeks old. PH 609-935-5038.

Wanted - 8 Roll-a-way chicken nests and 50 pounds DeLaval bucket. Stephen L. Beiler, Box 167, R. D. 1, Christiana, Pa. ½ mile east of Kirkwood, Pa.

For Sale - 10 ft. snow plow, reversible and heavy duty bucket for crawler, 6 feet wide. PH: 444-3751.

For Sale - Adding Machine, hand operated with paper tape, excellent condition, $25.00. Ideal for tax work. Elam Z. Zimmerman, RD 4, Lititz, Pa. 17543, 717-733-6698

10 acres of land with stream near Richfield, Pa., Juniata Co. backed by woods and on black top roads. $12,000. 717-694-3293

For Sale - John Deere 630 tractor only 1434 hours; John Deere F125 4-16 inch tractor plow, like new. Inquire in evening in Lickdale, second house past mobile gas station.

For Sale - 6 Charolais heifers and 2 Charolais Holstein beef cows. 1 mile North of Myerstown, along 501. Stephen Esh

For Sale - Five drawer executive desk, walnut veneer finish 36"x72" lock and keys. 717-792-1208

Mail Box Market

For Sale - Seven Yorkshire cross sows due to farrow soon. Bred to Reno Thomas stock. Selling due to illness. 301-452-5122

For Sale - 1 Black male Chow Chow Dog. Good disposition, registered, 2½ yr. old. 717-784-6409.

For Sale - 230 Farmall with cultivator and fast hitch. Good condition $1200. 717-658-7316

Wanted to Buy - International Super 100 fence charger. 717-345-4109

For Sale - Alfalfa orchard grass hay, no rain, $50. a ton. Wanted - Used grinder mixer. 717-345-4488

For Sale - Jacobson 3½ H.P. snow blower like new. Also antique rope bed, refinished. 215-267-5796

For Sale - McCormick No. 9 and No. 7 silo filler and PTO cornbinder with loader to be sold at the John A. Beiler Sale, Leola RD1, Musser School Road on Jan. 11, 1977

For Sale - Amish carriage storm front, hydraulic brakes $800. or best offer. Call after 5:30 Saturdays anytime 717-442-8317

970 Case, 6000 Commander, Farmall M, 230, Super C, also equipment. Feb. 14, Public Sale. Two free farm dogs. 717-653-5775

For Sale - Landrace service age Boars. 717-865-4813

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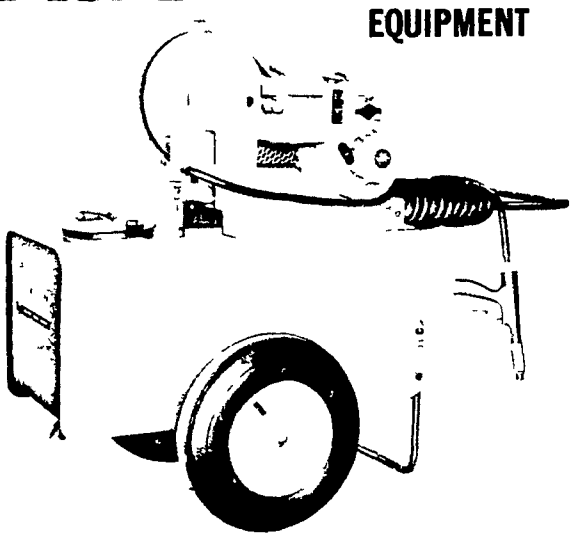

See the No. 2030 30. gal. Spartan on display
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For Sale - 800 gal. used Zero milk tank. Refrigeration not working. Can be used as water tank or liquid fertilizer tank. Phone 367-3814

For Sale - Amish buggy in good shape. John M. Stoltzfus, Narvon, Pa. RD2, Box 280, 2 miles northeast White Horse on Blank Road

For Sale - Hay, all kinds, Clover, Timothy and excellent Alfalfa. Come look and see. Whiteford, Md. 301-452-8673

For Sale - 6 A.R. Wood gas brooders, 4 round electric brooders $10.00 each. 717-653-1568

For Sale - Home grown Clover Seed, $50. a bu. Philip Kilgore, Fawn Grove, Pa. 17321, Phone 717-382-4351

For Sale - 2 Reg. Appaloosa yearling stud colts, will geld good size, 1 is very quiet with good color. Morgantown, Pa. 286-9292

For Sale - 21 cu. ft. freezer; sprayer; mower conditioner, and generator. 717-235-4574

For Sale - 20 acres woodland, Perry Co. 717-582-4593

For Sale - Angus cows; Jersey Heifer; Quality ear corn; 65 Impala, power steering and windows, radio; 72 Ambassador sedan. 717-964-3403

For Sale - Blueberry harvester, 4 wheel drive, B.E.I. picking head, powered by Ford engine with ONAW 30 K.W. generator, $10,000. F. W. Bush & Sons, Pemberton, N.J. 609-894-2855

For Sale - 17 H.P. water cooled diesel engine, brand new. Reuben J. Fisher, Newmanstown RD No. 1, Pa. Box 121-A, 17073

For Sale - 10,000 bales of hay, 200 bu. Badger manure spreader. James McVoy, LaFayette, N.Y. 13084, 315-677-7539

Stud Service - English Springer Spaniel AKC Reg. Bl-Wh. excellent hunter. But also lovable family dog. Throws nicely colored puppies. 215-469-9029

For Sale - Optigan chord organ with records. You play melody only, $280.00. 717-776-5207 eve.

Registered Border Collie pups, working Sire: Excellent farm dogs. Columbia County 717-925-6576

For Sale - 1 Angus bull, 20 months old, nice for breeding heifers. Also Prizer small size kitchen range. Henry L. Beiler, Quarryville RD No. 3, Pa. Box 313, Pa. 17566

For Sale - Cat D2 Series 3J $1,350.00, running condition. 215-445-4940 Call evenings.

For Sale - 5 year old 20x60 Lancaster Silo with Starline unloader and 50 ft. belt feeder. Must be moved $5500. 717-299-3721

Wanted - Used cow mats-any size. Call 814-692-8980

For Sale - AKC Doberman Pinscher female, approving, 2½ years old. 215-445-5796

For Sale - Massey Ferguson 165 diesel multi-power Hi-Clearance, A-1 condition. Also 16 ft. bale thrower wagon. Call 717-949-3512

For Sale - Int. 3200 A Skid Steer Loader w-rear mounted backhoe $5900.00. 215-756-6150

For Sale - 700 bales good missed Clover Timothy hay, 300 bales straw. 717-252-2455

Mail Box Market

For Sale - 1956 Int. dump truck 4x4 21,000 gross weight, engine overhauled last spring 717-428-1731.

For Sale - Lots of 6" trees to saw down for firewood. Ph: 717-949-3077.

For Sale - 1959 Chevy truck, 14' grain dump-$395; 1969 GMC ¾ ton pick-up-$995. Ph: 215-944-7529 or 215-779-0493.

For Sale - Springing Holstein heifers, good size, out of 60-100 pound dams - health charts. Ph: 717-529-2826.

For Sale - Moridge 400 bushel batch dryer; Vi-Con seed and fertilizer spreader, 3 pt. hitch. Ph: 717-759-0679

Notice - will pasture heifers by spring '77. Ph: 717-656-6801.

For Sale - 8 white-faced Hereford heifers, approximately two years old, not bred, in excellent condition, barn fed; Also, 10 ton mixed hay (some timothy). Ph: 609-227-2443 - on weekends call 717-378-2820.

For Sale - Registered Yorkshire gilt, will farrow February 1. Bred to registered Yorkshire boar-$275. Ph: 717-665-6274.

For Sale - 4 row Case cultivator, fits 400-730-830-930 or such.-$275. Ph: 215-588-0206.

For Sale - 1965 Chevy Station Wagon good 283 motor, body and new transmission (automatic) - $325. Ph: 717-789-3260.

Wanted - old paper dolls. Any quantity from 1900's to 1940's. Please price and write P. O. Box 4123, Paxtang, Pa. 17111

For Sale - JD Offset disc, 9 ft., disc 22" in front, 19" rear, good and sturdy-$600.00 - no wheels. Trade-Homelite chain saw, 20" blade for a new 16" D & C. Ph: 637-1232.

For Sale - 6 year old standardbred buggy horse (sound). Man's horse, likes to lug and go. John K. Beiler, R. D. No. 3, Quarryville, 1 mile east of Quarryville on Route 372.

For Sale - small wood and coal burning stove, 30" high with brick-lined fire box, good shape, stovepipes included-$40. Ph: 717-859-3266.

For Sale - 1975 Audi Fox, 4 dr., auto, 14,400 miles. Ph. 717-653-4905.

For Sale - One 6 hole hog self feeder in good condition $50.00. 717-354-0289

For Sale - Corn Fodder baled dry. 717-345-4109

For Sale - New Holland gas engines; (1) 4 H.P. high base Ser. No. 1501; (1) 5 H.P. Ser. No. 8978. Both in good condition. Phone 1-302-398-8096 call after 5 P.M.

Wanted - Used Browning Auto. shot gun in good cond. Rose Valley Blacksmith, RD 6, Box 101, Dover, Del. 19901

For Sale - One 3,000 gal. tank $150.00; One new 300 gal. skid tank and pump $130.00; Gas Boy electric pump $50.00; 717-865-4594 after 6 P.M.

For Sale - BN Farmall with 2 row cultivators, mech. good $425. 717-442-8558

For Sale - 650 gal. Girton milk tank with 4 horse compressor Will sell tank separate. Will deliver 50 miles 1967 Int. cattle truck 21' bc 1 717 865 6710

Mail Box Market

For Sale - 70 ft. auger feed system, complete less motor. Ph: 717-624-2136.

For Sale - Spaded female Manchester dog, nice pet; 2-50 pound Surge milker units in good condition. Amos L. Beiler, Loop Road, R. D. 3, Quarryville, Pa.

For Sale - Glen Rogers Snow plow tric. farm tractor, H & M manure loader $30, M-H 33 4-row cultivator, 48 GMC good shape 90,000 mi. 5 T. cap. 717-943-2888

For Sale - 50 pcs. of Oak, Maple and Birch 10" x 10" by approx. 8' long, $10.00 each or make offer. 717-684-5604.

For Sale - Surge pump SP22 with motor, also Kesco pump with motor will run 4 units and dumping station. Edwin Johnson, Airville, Pa. 717-862-3741.

Free - Fox Terrier pups. Ivan R. Martin, Jr., R. D. No. 3, Hahnstown Road, Ephrata, Pa. 17522

Wanted - hired hand, 14 years or older. Starting March or April. Contact Michael R. Stoltzfus, R. D. No. 2, Narvon, Pa. along Cambridge Road.

For Sale - Cools ensilage blower 56 inch fan equipped with magnet in shaker and heavy duty PTO shaft. Elam N. Zimmerman, R. D. No. 1, Lebanon, Pa. 17042 Phone 717-949-3263.

For Sale - Prizer cook stove with warmer, in excellent condition. Must move immediately (cash preferred). Katie K. Stoltzfus, Box 124, Bartville Road, Christiana, Pa. 17509

For Sale - Reconditioned JD44 manure spreader with pan; Oliver 66 with power pak; 2-row cultivator on steel; 30 PTO HP in good condition. Ph: 215-944-7475.

For Sale - Dismantled Surge four diagonal stall milking parlor. Complete with two vacuum pumps-$3,000.00. Brad Pickert, Berkshire, New York 607-657-2795.

For Sale - Corn fodder, baled dry, good for bedding. Ph: 717-345-4109.

For Sale - Used 13.6-36 tractor tires; also ½ ton stationary feed mixer. Ph: 717-966-1724.

For Sale - 2 bred Holsteins due in May. 375 and 400. Phone 215-445-6833.

Wanted - Stationary feed mixer, would prefer 1-½ ton size. Ben Stoltzfus, R. D. No. 1, Box 254, Kinzers, Pa. 17535

For Sale - Firewood, reasonable. Ph: 717-345-4489.

For Sale - Young corn fed beef. Ph: 717-665-7174.

For Sale - 42 gallon Sentury glass lined electric hot water heater; still under warranty. Ph: 717-626-5847.

For Sale - over 4,000 feet slatted poultry floor (4 x 13); 40 10-hole nests; 30 15-hole nests; 20 roll-a-ways, waterers and feeders. Ph: 717-285-5078.

For Sale - AKC Siberian Husky pups. Fat bulls, ½ Angus; Wanted - radiator for Cub motor. Elmer Fisher at Nine Points.

For Sale - IH alfalfa and seed drill, 20 disc on steel, horse drawn or 3 pt. hitch. 2 row A-C mounted corn picker Ph: 301-692-6844 or 301-692-6141.

Wanted - Part Simmental calf to put with cow that will be fresh about 1-11. W I. Scholl, RD No. 2, Kempton, Pa. 19529 215-756-6289

Mail Box Market

For Sale - 2 grain-fed Holstein bull calves, approximately 240 pounds each. Ph: 717-665-6765.

For Sale - 1975 A-C 200 tractor, mint condition, many extras, $12,000.00 firm. Serious inquiries only. Call 215-297-5926

Wanted - Heavy 6" Vise with swivel base (Columbia). Lanterns (Kerosene or Gas) - also small girls coat size 2, all reasonable priced. 717-345-4109

For Sale - Good white Majestic kitchen range, no reservoir $100. Also black Columbian $50. John W. Hoover, Box 86, Bowmansville, Pa. 17507, lane turns off 625 at Musser's Store

Wanted - Jamesway Lever-Tie cow stalls. Henry Beiler, 129 S. Maple Ave., Leola, Pa. 17540

For Sale - 2000 bales of mixed hay. Buyer takes all. 717-523-3671 after 4:30 P.M.

For Sale - Reg. Holstein bull calf. Sire: Lucky. Dam: Over 20,000M and 780F with second calf. $45. 301-879-8480

For Sale - Bull calf sired by F-G-P Elevate Ivan Al. Grade dam has 15,000M as 2 yr. old. Granddam has 24,000M. Call morning & eve. 717-354-9340

For Sale - 16' Portable elevator. Cardinal Junior aluminum body. $175. PH: 215-693-5907

For Sale - 1 set of rear tractor tires. Also Deutz tractor. Wanted - 2 row 3 pt. cultivator. 717-354-0585

For Sale - 1976 Ford Ranger, 4 wheel drive pickup, PS, PB, 2 tone paint. Only 5,670 mi. Full guarantee. Priced to sell $4995. Call 215-267-2229

For Sale - McCormick mower w-hydraulic hookup in A-1 condition. Christian F. Stoltzfus, Strasburg along White Oak Rd.

For Sale - Rope halters for cattle, made to order, all spliced. Call Abe Wickenheiser 717-898-7202.

Wanted - would like to trade 12 Muscovy drakes for 12 Muscovy drakes for stock. For Sale - Mallard ducks for ponds or eatings. Call 215-932-8499, 215-932-2777.

For Sale - 2 purebred Yorkshire boars. For Rent - 2nd floor apartment on a farm, married couple preferred, no pets. PH: 215-445-6975.

For Sale - JD semi-mounted 4-16 auto reset plow, 4 years old, good condition, best offer. PH: 215-267-6836.

For Sale - Eskimo Spitz puppies. Moses Sensenig, Jr. R. D. 2 East Earl, Pa.

For Sale - 6 tons clover, hay, crimped, no rain - $80.00 per ton at the barn. Ph: 717-367-2567.

For Sale - 13" Dellinger cutter with 4 set knives. Free uncut firewood. John K. Stoltzfus, R. D. 1, Box 56, Ronks, Pa.

Wanted - Auto-Medic liquid proportioner for parts. Main body must be watertight. Martin Fox, R. D. 2, Stevens, Pa. 215-267-2783.

For Sale - Minnich tobacco press; New Idea 12A manure spreader, 1 row Mountville corn planter. Ph: 717-665-3090.

Wanted - 1-meat saw and grinder, knives, paper cutters and wrappers, steels butchering equipment. PH: 717-799-5495.

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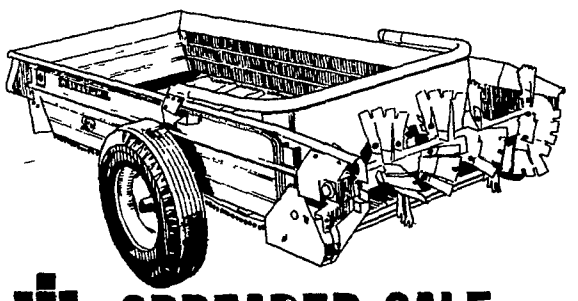

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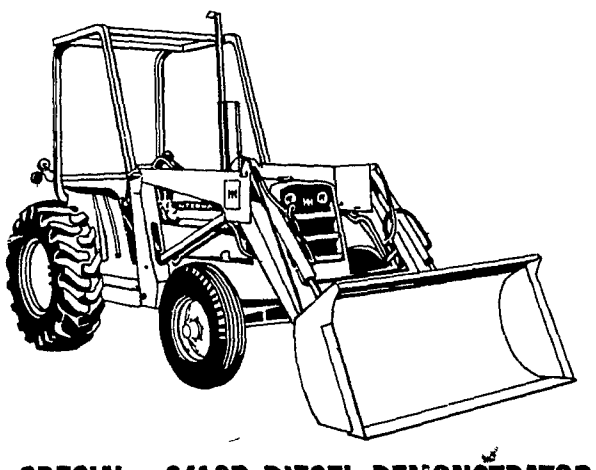

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For Sale - toy Pomeranian pups, 7 weeks old. Also, White toy Pomeranian stud service. Aaron B. Beiler, Paradise, Pa. 2 miles northeast of Nickle Mines on Vintage Road.

For Sale - Farmall C tractor on steel with cultivators and corn planter - $750.00. Tobacco planter - $50.00 and tobacco hoe - $75.00 Ph: 717-733-8434.

For Sale - 40 black boards slate three-eighth x 4' length 3' to 7' - $2.25 a foot. 60 Radiators 2 to 6' length. $7.0)0 a foot. Ph: 215-267-2606.

For Sale - Warm morning coal stove in good condition. Waterfall kneehole desk. Aaron L. Stoltzfus, R. D. 1, Conestoga, Pa. 17516 1 mile north of Marticville.

For Sale - portable heater, 95,000 BTU; 10 ton clean alfalfa hay. Phone 717-626-6142 after 5:00 PM

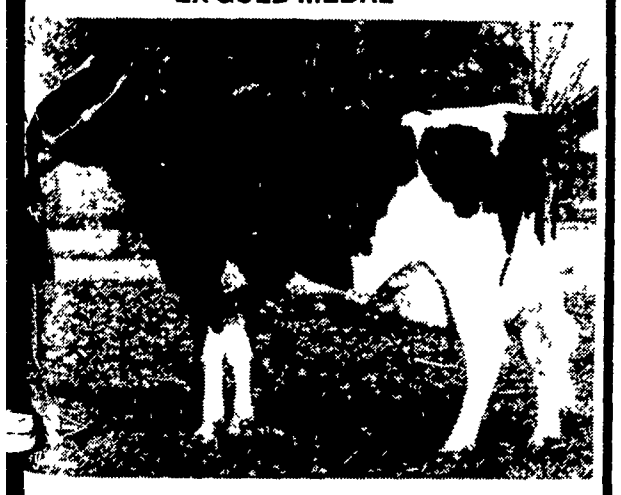
For Sale - 18 head beef cows with calves at side. Will sell separately or together. 1965 Ford 350 cattle truck. Ph: 717-964-3759.

For Sale - Chihuahua pups. Ph: 717-354-0293.

For Sale - Gehl 2500 Hydrocat loader, good condition, 2 buckets. PH: 301-374-2273.

7 H 145 TIPPY

EX GOLD MEDAL



Dtr. Wilsons Meadow Wis. Tippy (EX.90)

Type Pattern: Similar To Matt - Tall -

Flat Bone. aAa - 321564

US D.A. Sire Summary (Oct. 1976)
82 Dts. (64 herds) Rept. 82 Percent
+ 481 Milk - 7 Fat

HF A.A. Type 74 Percent Rept. + 1.51

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Girton 500 gal. bulk milk tank with 5 h.p. Lehigh compressor, good condition. Surge Alamo 40 Plus vacuum pump, used 1 yr. PH: 717-626-6592

Wanted - John Deere 3 bottom 16" plow mounted or semi-mounted. R.H. Freiberger, 609-259-2567

For assistance with you income tax, call 717-898-7460 Vernon H. Charles, 2249 Leabrook Road, Lancaster, Pa. 17601

For Sale - Farmall MD with loader, good condition $1000.00 New Holland belt driven corn sheller, excellent $50.00. 717-992-4875

For Sale - 50 per cent Limousin Bulls, ideal for heifers, light birth weights. Oat straw, wheat straw. 717-536-3576

For Sale - One Jersey cow, just freshened, will make good family cow. 301-692-5184

For Sale - Small Registered Holstein Herd, will keep till Spring if necessary. 717-698-6597

For Sale - Iron band saw, Iron cutter, Iron lathe. Samuel F. Stoltzfus, R. D. 1, Christiana, Pa.

For Sale '47 Int. High lift coal dump truck with 6' x 8' box. 5 speed trans. runs but needs work. Best offer. Ph: 215-678-8686 after 6 PM.

For Sale - potatoes - Daniel E. Fisher, ½ mile south of Strasburg along May Post Office Road.

For Sale - Cameron, wood and coal combination stove - like new. John A. Stoltzfus, Box 24, Rebersburg, Pa. 16872.

Wanted - Experienced milker and general farm worker. Freddy Hill Farms, 1440 Sumneytown Pike, Lansdale, Pa. 19446.

For Sale - 360 gallon bulk milk tank, suitable for milk or would make an ideal liquid nitrogen storage tank. Can be seen at 99 Quarry Road, Leola, Pa. Samuel S. Glick, Mill Hall R. D. 8, Pa. 17751

For Sale - Alfalfa hay mixed with clover and Kentucky blue grass. By the ton or bale - $70.00 per ton at the farm. Ph: 717-367-5631.

For Sale - 10 tons good clean straw - $55 per ton; call evenings and weekends, Hamburg 215-562-2681.

For Sale - International 1066 diesel tractor, low hours, like new condition. Ph: 717-229-2352.

For Sale - Jersey bulls and heifers, timothy hay (about 4 tons). Wanted - PTO 3 pt. rotary mower. Ph: 717-284-2424.

For Sale - Robyn 23 channel CB set with antenna. Used 4 months. It's a good one! Make a decent offer and it's yours. Ph: 717-235-3197.

For Sale - 8 foot sunline pick-up cap, 32 inch, good condition; Ferguson 3 pt. 2-row cultivator; Ferguson 3 pt. hay rake. Ph: 215-767-6048

For Sale - Bay, mare quarter horse, 8 years old. English or Western. Experienced rider. Asking $500.00. Phone after 5:00 PM 215-538-0239.

Wanted to buy- 560 Farmall in any condition. Call after 7:00 PM 814-267-3888.

Mail Box Market

For Sale - English pointer pups 4 months old; FDSB Reg. PH: 717-859-1620

For Sale - Plymouth Fury I, 1967, 4 door sedan, turquoise, 73,000 miles $575. 10 ft. Brillion wheel controlled harrow. Ph: 717-872-8960.

Wanted - Palomino pony. Ph: 717-354-7739.

Wanted to Rent - Good farm land within 50 miles of Lancaster County. PH: 215-445-6976.

Wanted - pipeline for 16 cow barn or more and 500 gallon or more bulk tank. Phone after 8:00 PM 717-632-0572.

For Sale - Rebuilt 1-½ hp & 5 hp 3-phase motor; (2) ½ hp and (2) 1 hp and (1) 1-½ hp single phase motors - reasonable. Ph: 717-299-3721.

For Sale - 12 gauge semi-auto Browning shotgun, 10 gauge double barrel shotgun, 1972 Ford Galaxie 500, Whirlpool portable dish washer, antique bench school desk. PH: 717-442-4279.

For Sale - double door stainless refreigerator, approximately 36 cu. ft., good condition. Ph: 717-299-3260.

Notice - quilt frames made to order. Ph: 717-354-5855

For Sale - New Holland No. 66 PTO baler $450; New Holland Hay Cond $150; John Deere 2-row corn planter $250; Sauder loader for Ford $180. 717-755-3181

For Sale - 1938 Ford Coupe. 717-362-8553

For Sale - Siberian Husky pup, male, AKC Reg., wormed. 215-484-4131

For Sale - A-C D17 series 3 tractor; A-C model 82S side mount mower. Ph: 717-548-2877

For Sale - JD28 disc harrow KBS-$300; JD 10 ft. cultipacker, slightly used-$450. Will deliver in Lancaster or Chester Co. PH: 215-593-5271.

Wanted - late model Papec harvestor with corn and hay head. 135 Massey tractor or 3,000 Ford in good condition. Ph: 717-786-2839.

For Sale - 4 Frey calf stalls, like new $50 ea. 717-786-2034

For Sale - Several Grain fed butchering hogs. 300-350 lb. 32 cents a lb. PH: 717-359-5834

Wanted - Feeding oats. Call Elvin Hursh, R4, Lititz, Pa. 717-733-3538

For Sale - 1 1966 Ford Step van, with 12' bed, engine has approx. 30,000 miles, good condition. Call 717-626-6198

For Sale - Belsaw Chain saw grinder with 7 extra grinding wheels. $80. PH: 717-733-0511

For Sale - 18' Truck Body with 4' high sides. Excellent condition. 717-872-2579

For Sale - 30' of metal silo shute. Also ladder & basket for silo. PH: 717-263-3713

Gordon Sette, Registered AKC free to good home PH: 717-292-3053 after 5 P.M.

For Sale - 1 Guernsey cow. Daniel Z. Glick, 1935 Rothsville Rd., Lititz, Pa. 17543

For Sale - 1975 International Pickup truck, 4 wheel drive, PS, PB, excellent condition, 12,000 mi. $4400. 215-766-0223

Wanted to Buy or Rent - Dairy Farm for Spring of '77. Have cows & equipment. Call 717-274-1561

Mail Box Market

For Sale - 88 feet of ⅝" chain, $1.00 per foot. Phone 717-626-4240.

For Sale - Service age sire, Dam VG Ivanhoe Jack; sire Bootmaker. 2-2 325 16,473M 637 fat; 3-2 309 18,239M 741 fat; 4-2 294 19,346M 719 fat. Ph: 717-656-6348.

Wanted - used wind charger 32 volt or 110 volt. 3 or 4 blade propeller. Don Baldwin, P.O. Box 533, Wellsville, New York

Wanted - wood or metal lathe long enough to turn ten foot lengths. Amos S. King, R. D. 1, Kirkwood, Pa. 17536

Wanted - Brass engineers transit with tripod; lime spreader, 1 - 5 ton cap. ph: 302-994-2996.

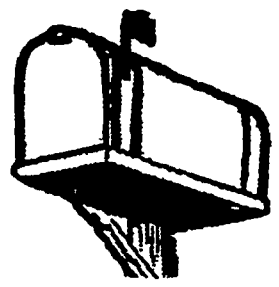
311 1 HC 3-14 fast hitch - plow. Ph: 872-2742.

Wanted - 3 point, 3-16" plow. Call 717-367-2015.

For Sale - International T340 crawler, with blade. Harvey Z. Hoover, RD 3 Ephrata, Pa 17522; 2 mi. south of Ephrata.

For Rent - large 3 floor apartment. 1 18 x 20 foot bedroom, heat provided, near Elizabethwown, country setting , no children or pets. Ph: 717-367-3851.

For Sale - Red Sexlink chickens, yearlings-$1.00 or take orders for dressed. Wanted - 400 Case tractor for parts. Clarence W. Martin, Gristmill Road, R. D. 1, Box 724, New Holland, Pa. 17557



FREE

Subscribers to Lancaster Farming will receive one advertisement Free each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number; all advertisements must be in our hands by Wednesday at 5:00 P.M. or same will be held over for next week's paper; no business advertisements accepted.

Mail Box Market

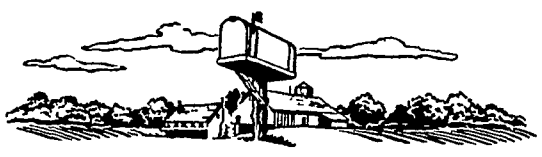
Wanted - 273 baler. Ph: 717-656-9013.

Wanted to buy - bees. Ph: collect 301-676-5286. Bill Lang, 303 Kennard, Edgewood, Maryland

Wanted to buy - Four 700x18 winter tires, new or used. PH: 717-949-3129.

Wanted - set of good used kitchen cabinets. Must be reasonable. Phone 717-656-8758.

For Rent - approximately 26 acres, highly productive, south of Lititz. Ph: 717-626-6516.



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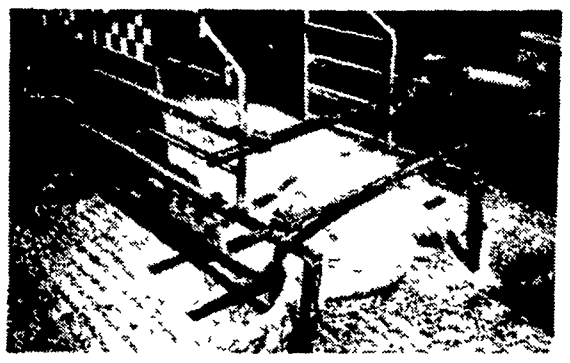

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LACTATION ■ Help in producing lots of better-quality milk, even in hot weather ■ Sufficient nourishment to wean heavier litters without excessive sow weight losses ■ High nutrient levels which prevent sows from robbing their muscle tissues and bones to make milk	*LACTATION* ■ High nutrient density to support production of superior quality and quantity of milk ■ Correct balance of energy, amino acids, vitamins and minerals needed to wean heavier litters ■ Necessary nourishment needed to prevent body-robbing and excessive weight losses	**HIGH OCTANE® LACTATION CHOW®** *more milk, stronger sows*
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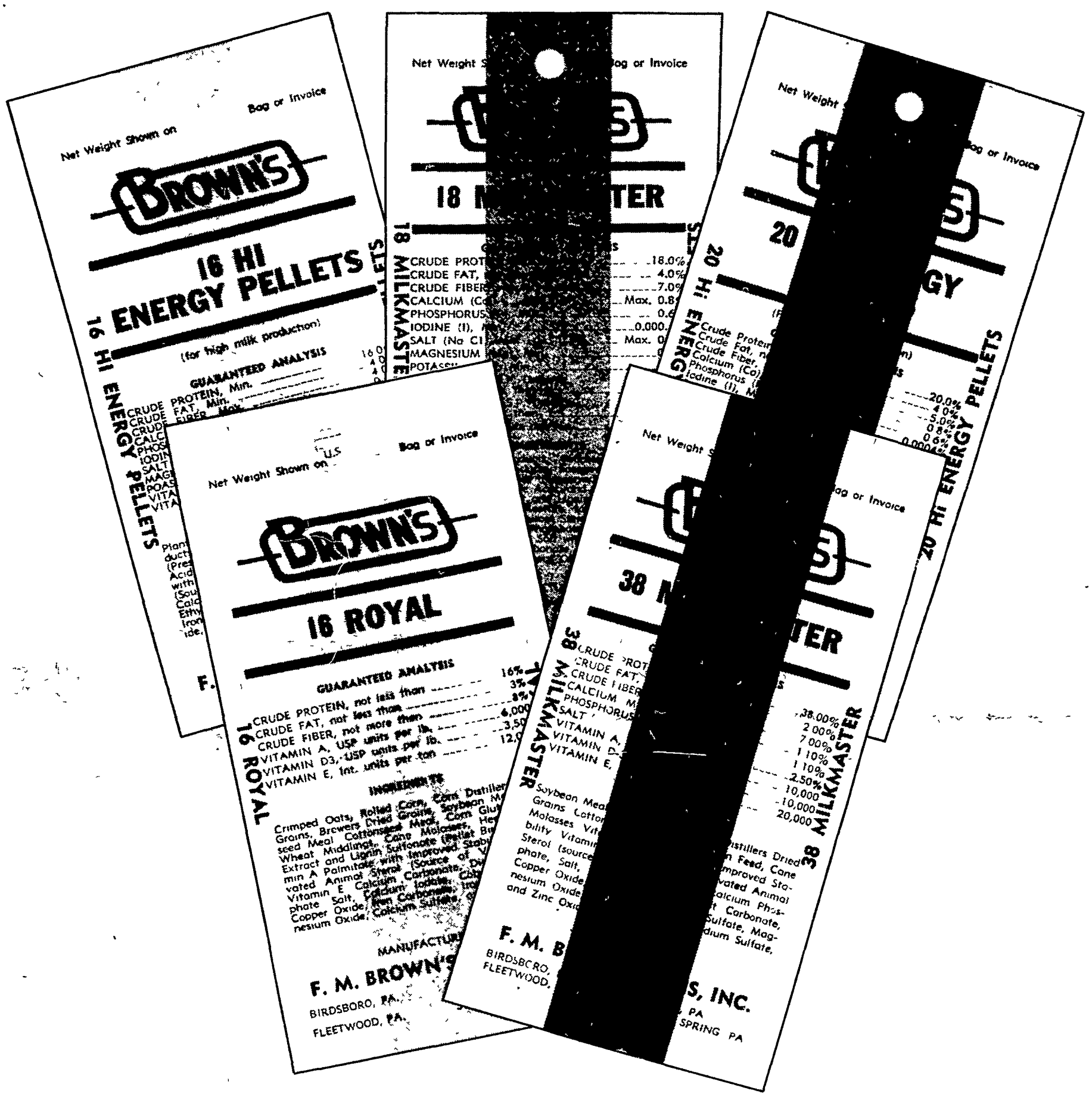

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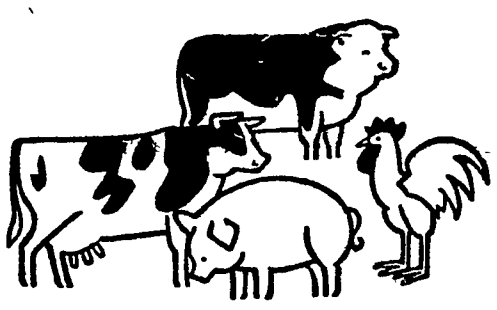

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What's new

NEW IDEAS FOR 1977

COLDWATER, Ohio - Eleven new pieces of Uni-System farm equipment, including two brand new hydrostatic power units, have been introduced for 1977 by Avco New Idea Farm Equipment Division, headquartered here.

The new Model 708 power unit features 138 brake horsepower and the Model 709 power unit has 175 brake horsepower. A new roomier, ultra-modern cab, with many operator comfort, convenience and control features, is standard equipment.

Offered as factory-installed options on both units are powered rear wheel drive and air conditioning.

Other new Uni equipment includes:

Two Fas-Tach crop-saving bean-grain platforms in 13 and 16-foot widths. The cutterbar and deck form a flexible integral unit that floats on a series of continuous ground sensors which permit the bar and deck to follow the ground contour through a six-inch range across its full width.

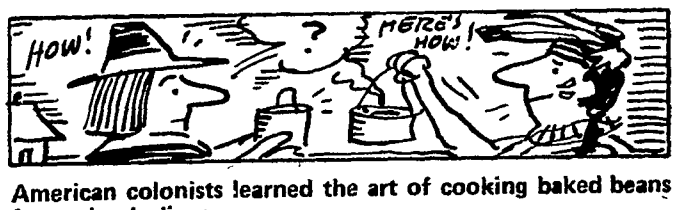
According to Avco New Idea tests, soybean losses are reduced up to 50 per cent when compared to conventional platforms (based on a yield of 30 bushels per acre, the savings would translate into approximately 1.5 bushels per acre) and up to 25 per cent when compared to conventional platforms equipped with floating cutter bars (based on a 30-bushel per acre yield, the savings would be approximately ¾ bushel per acre).

A Model 740 Fas-Tach Feeder House, which permits quick connection of Fas-Tach corn heads to the Uni-Combine, sheller and picker and Fas-Tach bean-grain platforms to the Uni-Combine. This allows farmers to switch from corn to beans and beans to corn in minutes.

Four Fas-Tach corn heads for three - and four-row spacings, plus a six-row narrow model for harvesting seed corn.

An exclusive three-row wide-narrow row crop head for the Uni-Superchopper, offering the versatility to harvest 28- to 40-inch rows without any mechanical adjustment or special tools.

Avco New Idea has been continually expanding the Uni-System line since its introduction in 1964, to provide better performance and greater versatility.



American colonists learned the art of cooking baked beans from the Indians.

Climax to year's work arrives

By DIETER KRIEG

LANCASTER - "Ten minutes in the show ring is the climax of an entire year's work," 4-H club leader Elvin Hess told a group of youngsters here last month. He advised them to be on their toes and live up to the 4-H motto - "To make the best better."

Members of the Red Rose beef and sheep club were gathered here at the Farm and Home Center to make final preparations for the competition at the Farm Show. Twenty-nine baby beef animals from Lancaster County will be entered in the show in an attempt to keep the championship trophy in the County. Last year's grand champion was shown by Jim Greider of Columbia, who brought the high honor back to Lancaster County for the first time in several years.

Lancaster County Agent Max Smith, coordinator of the 4-H sheep and beef program in the Garden Spot, also encouraged the 4-H'ers to strive for the best, as it did a number of other leaders who were present at the meeting.

Showmanship was particularly stressed. "Study the judge beforehand in classes if possible," advised one leader, "watch for his cues - give yourself plenty of room to allow a judge to get between steers, also, be a sport if a steer ahead of you stops."

Another leader emphasized that the youngsters should not only be concerned with their animals, but with themselves as well. "Be neat and clean and well groomed," a mother suggested.

Aside from plenty of work throughout the year, youngsters with animals to show have numerous preparations to make in order to get their steers entered into the Farm Show. To begin with, they have to qualify with animals which have won at county and district shows. Then there are also health papers to fill out, shots to administer, tests to verify, and daily care to ensure that the animals will look their very best.

Each county group has caretakers from out of the club assigned with the responsibility of feeding, watering, and cleaning the show animals while they're at the Farm Show. But this does not relieve owners of their responsibilities, a 4-H graduate pointed out. It will be the contestants duty to see to it that his animal is properly washed, blocked, and dried.

Animals entered in the Farm Show will be arriving in Harrisburg today. According to official regulations, they're to be at their places by 6 p.m. this evening. Smith suggests that contestants have them there by 3 or 4 o'clock in the afternoon.

As Hess stated - an entire year's work will come to a climax this coming week with just ten minutes in the show ring.

Pick bagworms now

If you're looking for a winter job to do in the garden, try looking for and picking off bagworms.

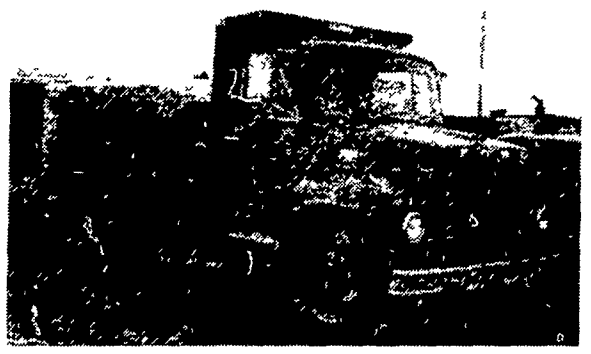
These are insects that frequently attack conifer trees, notably arborvitae, juniper, hemlock, larch and pine, says Louis M. Vasvary, Extension specialist in entomology at Cook College, Rutgers University.

The caterpillar spins a tough, spindle-shaped bag an inch or two long. He uses bits of foliage or needles from the host plant to disguise the bag in which he spends the winter, and so you have to look sharp to find the bags.

Dr. Vasvary suggests burning the bags or placing them in a deep container near the infested trees.

If you put the bags into a container there's a chance that you'll get some help from parasites to help control bagworms. Any parasites in the bags will emerge and attack the bagworm caterpillars next summer.

NEED A DUMP TRUCK?



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Amos H. Funk

Born and educated in Millersville, Mr. Funk majored in Economics at Penn State. He is associated with his son in growing and retailing fruits and vegetables from his 237-acre family farm. He is an active conservationist, and has served on many state committees concerned with farming and conservation. He was Pennsylvania Master Farmer for 1966 and recently was named State Conservationist of the Year by the Pennsylvania Association of Soil and Water District Directors.

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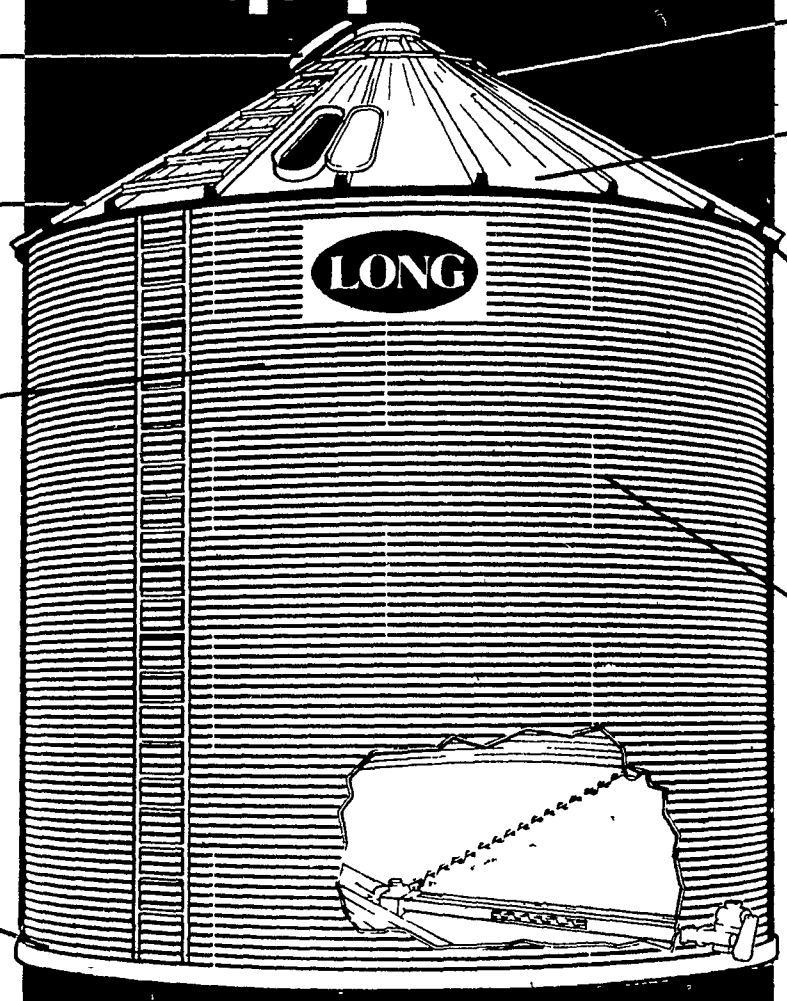

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One last look at year 1976

Hay was plentiful in Pennsylvania last year, but better quality hay was scarce due to frequent rains.

By DIETER KRIEG

EDITOR'S NOTE:

This continues a story begun last week on the year that was - 1976. We begin with the month of May, since the first portion of the year was covered in last week's issue.

The Agricultural Advisory Committee to the Department of Environmental Resources voted at its May meeting to name a committee to work with the Department's Bureau of Air Quality and Noise Control on potential air pollution problems related to farming.

Right at about that same time, a group of farm women in York County made fun of the bureaucracy which rules and regulates agriculture. The skit was put on by the Womens' Committee of the York County Farmers' Association and directed most of its barbs at OSHA.

PREDICTION TRUE

"There's a possibility we'll have a record corn crop in 1976," predicted USDA man Don Paarlberg before the crop was even planted. We all know how that turned out.

A total of 17 fairs scattered throughout the state were awarded $333,109 in matching funds for capital improvement, it was disclosed in early May by Secretary of Agriculture Raymond Kerstetter.

Potato growers received the green light from Kerstetter to go ahead with a referendum vote for a fund raising program.

Another item coming out of Harrisburg which was of big interest to farmers was that they would be exempt from water and sewer assessments if they did not hook up to those systems even though the lines crossed their property.

A unique farmers' group, the Octoraro Farmers' Club, celebrated 120 years of existence in May.

Hot-rod tractors were being readied for another season of pulls.

KUNZLER FFA PRIZE

Mike Hartman, a 17-year old senior at Garden Spot High School won the Kunzler FFA scholarship in May. The youth is not from a farm, but nevertheless elected to enroll in the FFA program due to his big interest in the outdoors.

The Pennsylvania Society of Farm Women gathered for their annual Spring Rally in Gettysburg, with nearly 1400 members present.

Penn Packing Company of Philadelphia announced in mid-May that it would be buying hogs directly from producers, beginning May 31. Their buying-receiving station was set up at the Green Dragon Market, Ephrata.

As Summer neared, the outlook for excellent crops and plentiful fruits and vegetables looked great, even though growth was slow. Indeed they did, but a storm was yet to come which changed the scene dramatically.

Legislation to protect the farmer "from mismanagement of their cooperatives" was approved by the House Agriculture Committee in May.

FAIR EXPANDS AGAIN

The Solanco Fair Association kept its expansion and improvement program not only alive - but going strong. A second barn was built and the Community Building received some extra attention to make it more attractive and functional. The bulk of the effort was made possible through donations and voluntary labor.

BEEF, HAY, TWINE, and EGGS

Baler twine prices dropped last Spring, and the hay crop was exceeding expectations. The drought of early Spring and subsequent rains had left many a farmer with doubt in his mind as to what he might reap from his hay fields. It turned out to be "good."

Cattle prices weren't so good, however, and virtually everyone was scratching his head over the issue. Not only were prices down, they jumped around a good bit and nobody seemed to know just why.

The Plain and Fancy Egg Ranch of Elizabethtown celebrated its 10th anniversary in late May and noted that it had marketed a billion eggs in that time.

DAIRY ISSUE

June 5 was the date for **Lancaster Farming's** annual Dairy Issue. Making front page news that week were:

Dairymen themselves who, by a vast majority, had an optimistic outlook for their industry.

A severe storm went through the area on June 1 and left many fields in shambles. Lightning, heavy rains, hail and extremely strong winds were responsible for cutting corn and tobacco to ribbons and stripping fruit from trees. It was one of the worst such occurrences anyone in southeastern Pennsylvania could remember. The storm was very fickle, however. Its path of destruction was felt by only a relatively small number of people.

Champion steers at the Fat Steer Show in Lancaster brought 45 cents per pound. The top animal of the show was owned by Franklin Countian, Carl Eshleman.

Joanne Spahr, Lititz, joined the Lancaster Farming staff in June of 1976, taking the position of associate editor. She is a 1972 graduate of Manheim Central High School and a Dec. 1975 graduate of West Chester State College.

Inside the June 5 Dairy Issue it was reported that Boyd Gartley, director of member and public relations for Inter-State Milk Producers, had received national recognition for his work with the media.

[Continued on Page 85]

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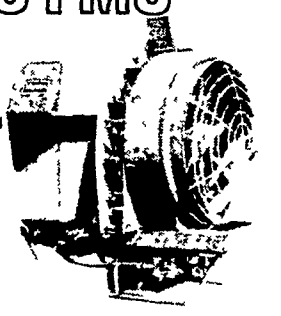

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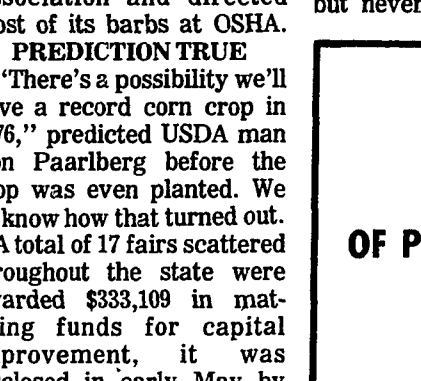

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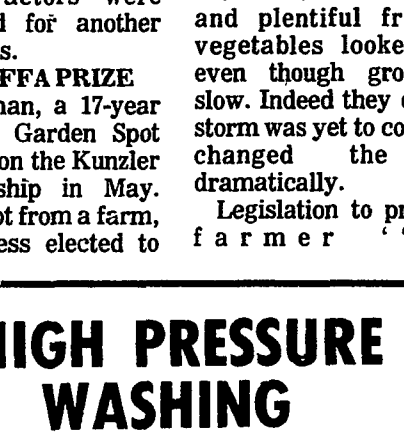

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One last

(Continued from Page 84)

Production expenses for farmers were expected to rise, it was reported shortly before the half-way mark of 1976, but income was likely to remain stable.

A New Jersey poultryman was fined $3040 for having a chicken house which was the cause of a "stink" in his community. The poultryman denied the charges and poultry leaders backed him up, but egg producer Monty Gottfried was outnumbered by suburbia and the judge.

WORLD AUCTION

A world auction contest was held in New Holland on June 19.

Pennfield's egg farm near Ephrata, formerly the L.M. Sheaffer Co., celebrated its 75th anniversary in mid June with an open house. New equipment capable of packing 68,000 eggs per hour was shown.

The tobacco plant situation was described as "tight" due to many beds having been damaged by the June 1 storm.

Other crops, especially corn, were going strong. "After weeks of stalling and relative obscurity, corn and other crops in the area have shifted into high gear in their growth patterns," read the lead sentence in a page 1 story of the June 12 issue.

Peggy Staub became Pennsylvania's 1976 dairy princess.

Two thirds of the farm population is opposed to OSHA, this newspaper reported in that same issue.

DAIRY PRINCESSES CHOSEN

Cindy Rutter became York County's dairy princess.

Rose Brandt received the honor in Lebanon County.

Nedra Yoder got the vote for that honor in Berks County.

Donna Brandt became Lebanon County's royal milk promoter.

Carol Yeager was the lucky girl in Chester County.

In Lancaster County, Debra Kreider began her reign as dairy princess.

Mary Ann Klinger wore the tiara in Adams County.

IRONY

One of the state's hospital farms accomplished a DHIA herd average of over 700 pounds of butterfat. The record gave the Wernersville State Hospital an undisputed first place in the DHIA rankings for Berks County. Institutional farms in general, however, are losing money for the state and received their death blow in 1976.

Farm output nearly doubled in 10 years, Congressman Ed Eshleman told us.

Joanne Spahr began a new series of features on crafts.

FFA WEEK

"Lancaster County youths shine for FFA Week," the top headline on page 1 proclaimed. FFA Week had just ended at University Park and the June 19 issue gave in depth coverage. Marcia Hess of Quarryville was FFA Queen for 1976-77. Another Solancoite, Randy Ranck, was chosen FFA State president.

Awards, honors, and publicity didn't stop there, as one Lancaster County team after another made its presence known. Individuals scored high also. But not all first places went to Lancaster Countians. There was a fairly representative distribution among first, second, and third places, but Lancaster County won by far in depth.

OPINIONS

Eastern Milk Producers Cooperative members believed that Sylvia Porter, a nationally known columnist on food and consumer affairs, could use a day or two on a dairy farm in order to get her facts straight. Delegates to the annual Eastern convention therefore voted to invite her to a dairy farm in the Northeast. Miss Porter's writings earlier in the year had done much to distort the dairy industry's image among consumers. Her writings were also responsible for a dairy symposium put together in April in Washington for the purpose of bringing out the true facts about milk and dairy farming.

June was dairy month, and among those airing opinions was Pa. Secretary of Agriculture, Raymond Kerstetter. Appearing at the Berkshire Mall in Reading, where dairy farmers had put on a massive display for all to see, Kerstetter commented: "It is important for dairymen to get together and promote their product. You are going to have to do that and sell the people because most people do not know how much it costs to run a dairy operation.

Joyce Aument broke a 30-year record in poultry judging.

FRUIT RIPE, BARLEY HARVESTED

Only about half a crop of sweet cherries was picked last year, due to a hard freeze in April and a slashing storm in June taking their toll. Sour cherries were in abundance, as were raspberries. Welcome news, in addition to most fruits being in good supply, was that canning supplies were available too.

The barley harvest was begun in mid-June, with yields varying considerably across the area, but moisture being satisfactory in most cases. Most farmers saw early yields of 45 to 50 bushels per acre, but a number of them reported getting 70 bushels per acre, and one went as high as 90. Barley prices quoted in the June 19 issue were: $2.07 and $2.27 for bid and offered, respectively.

Other market quotations from around mid-year were as follows:

Slaughter steers, high choice and prime, $40.35-41.35 cows - utility and high dressing cutter, $30.00-31.00, a few to 31.50; vealers - choice, $64-72; Spring lambs - choice and prime, 60-80 pounds, $53.00-55.00.

Ear corn was being offered at $87.50 per ton at the mill, and the bid was $80.50. Shelled corn was quoted at $3.15 bid, and $3.35 offered. Soybean meal was $234 per ton. Wheat brought the farmer $3.25 per bushel when he went to sell, and cost him $3.38 picked up at the mill.

U.S. No. 1 barrows and gilts were in the mid 50's in their price at best, and more frequently in the 52-53 cent range. Feeder pigs were up considerably in mid June from the week before. Lancaster had them at $3 to $7 higher than the week before, with instances even $10 higher. Most sold for over $100 per hundredweight, with the top being $112. The

(Continued on Page 86)

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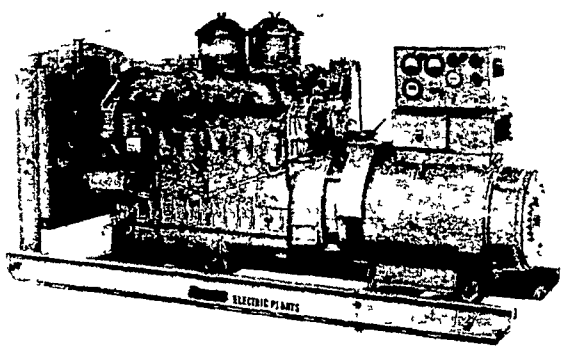

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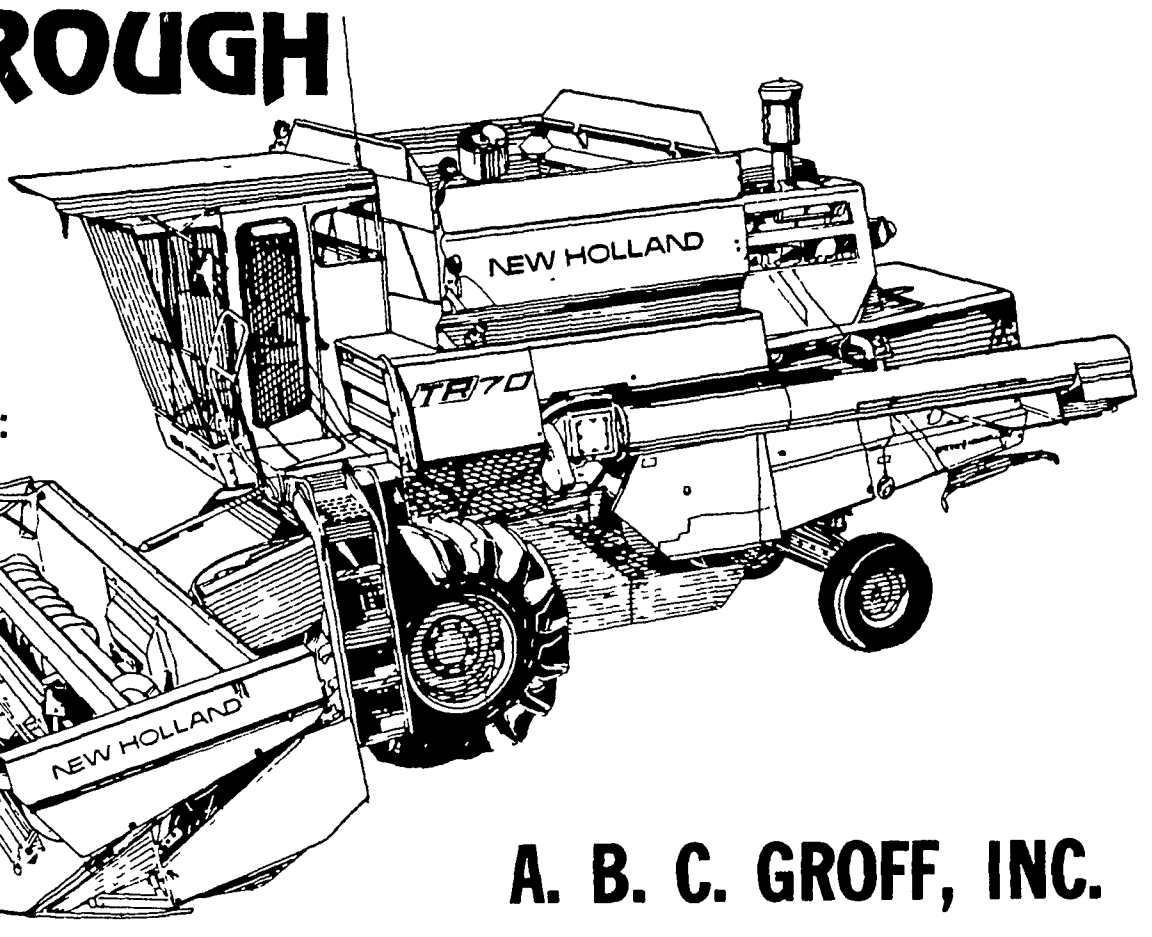

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One last

(Continued from Page 85)

cheapest brought $76 per hundredweight.

POULTRY QUEEN

York County was presented with a new poultry queen on June 15. She was Debra Markey, one of four girls to compete for the title.

USDA issued a report in June which said that a record number of broilers were produced in 1975 and that the poultry situation continued to go strong. Placements of broilers throughout 1976 were ahead of the corresponding week of the year before. Egg prices were expected to rise seasonally, but USDA did not expect prices to be as high at the end of the year as what they turned out to be.

Former Under Secretary of Agriculture John Knebel (now Secretary of Agriculture) was in Lancaster in June to address the 1976 version of the Pennsylvania Poultry Conference.

He believed the Egg Research and Promotion Order to be the key to strengthening and improving the poultry industry. The order was to go into effect on Aug. 1.

MILK PRODUCTION

USDA reported that milk promotion in mid 1976 was booming. A Washington study said: "Continued expansion in milk production is likely for the rest of 1976 since milk-feed relationships are expected to remain favorable to heavier concentrate feeding. Milk production was up all around the country and in many parts of the world.

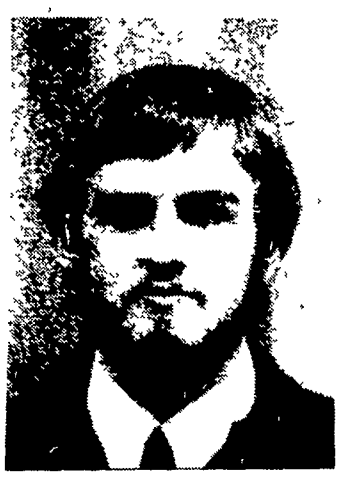
Dr. Lawrence J. Hutchinson, a Chester County veterinarian was named to succeed Dr. Sam Guss as Extension veterinarian at Penn State. Guss retired on June 30; Hutchinson took his position on July 1.

A dairy cooking contest was held at the Berkshire Mall in June, as part of the dairy display put on there by the county's dairy farmers. The contest had several categories, and therefore also several winners.

A 30-year old dairyman from Colora, Cecil County, Md., was chosen as the Outstanding Young Cooperator by members of Maryland Coop. He was W.B. Kilby.

EMBARGO LIFTED

After several months of embargoing swine from New Jersey and several Northeastern states, Secretary of Agriculture Raymond Kerstetter rescinded the action in mid June. The embargo had been in effect to keep hog cholera out of the Commonwealth.



Lynn Groff was named a 1976 FFA Northeast Regional Agribusinessman.

The Pennsylvania State Grange called for a plan in early Summer which would include the Pennsylvania Department of Agriculture in any study aimed at creating a so-called "Master Environmental Plan for Pennsylvania."

Hog producers voted in favor of a national check-off program to promote pork and related products. The program became effective July 1.

In Berks County, the big ag story in late June was that the cereal leaf beetle was the subject of a biological control program aimed at eliminating that pest. Their method of control was a tiny wasp imported from Europe which is said to be harmless to anything but the beetle.

HOMESTEAD ACT

The Senate Subcommittee on Agriculture was reviewing a bill which was referred to as the "Young Farmers' Homestead Act" and designed to help young men get started in agriculture. Lauded by many, the program wasn't without opponents, however. The National Grange voiced this apprehension about the proposed Act: "The bill will advocate the creation of a government agency to buy, lease or sell farm land. The Grange fears this could lead to socialized farming and that farm ownership would shift from private hands to government. The Board responsible for deciding who could buy, sell or lease farm land could become an agricultural czar." The Grange favored a system based on profits which would encourage young men to enter and stay with farming.

HAPPY BIRTHDAY, AMERICA!

The first issue in July saluted America's 200th anniversary with a picture of the Bicentennial wagon train as it crossed the Susquehanna River between Wrightsville and Columbia. A lengthy feature on the procession began on page 1.

The harvest season was picking up steam, with barley being just about all combined and wheat beginning to roll in. It turned out that barley was just a half a crop, wheat was looking good so far (as had barley in its initial days of harvest) and high quality hay was a little difficult to come by. In Lancaster County, average barley yields were between 35 and 40 bushels per acre in northern sections, while Solanco area farmers reported the range was close to 50 bushels per acre. York County barley yields were estimated between 40 and 50 bushels. A surprise came along with the harvest in that the crop turned out bigger than had been expected in some sections. The short straw kept a few people fooled. Quality of barley was described as nothing less than good by growers and

(Continued on Page 87)

THE CONKLIN GARDEN SPOT ASSOCIATION

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RD3 Manheim PA 17545
717 665 4351

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3071 Druck Valley Rd
York, PA 17402
717 755 8849

NEVIN J BOLL
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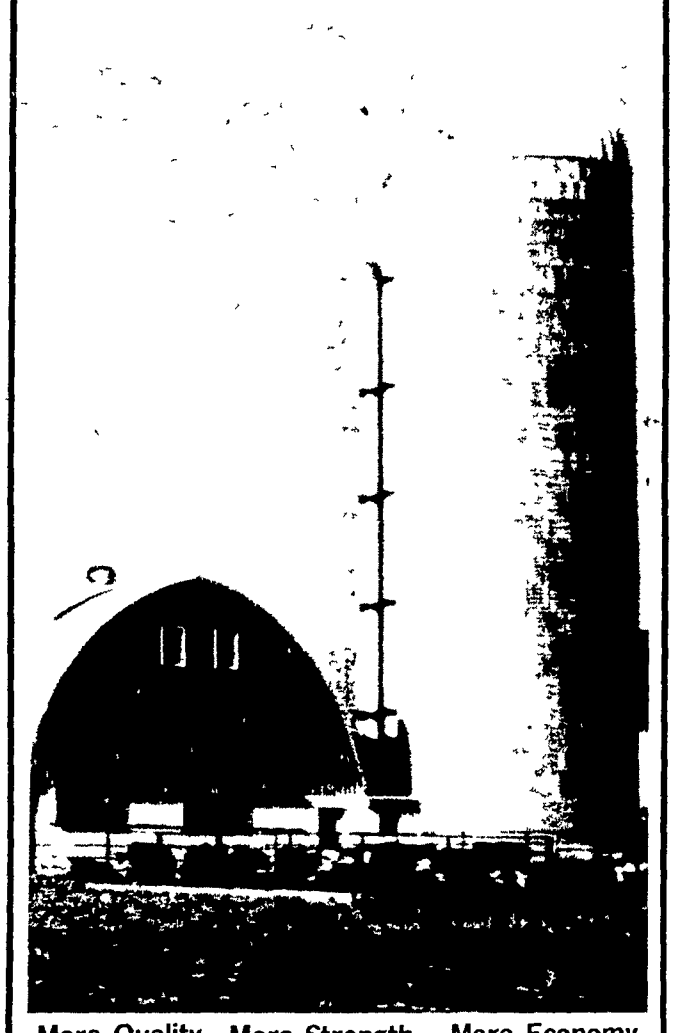

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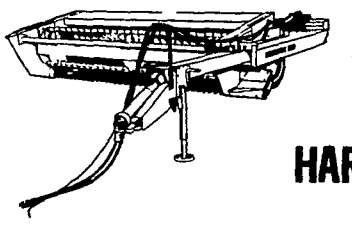

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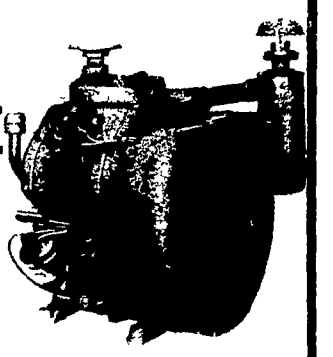

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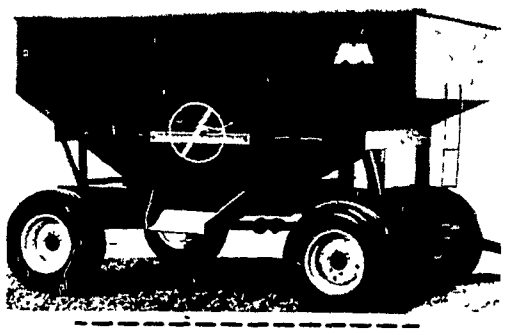

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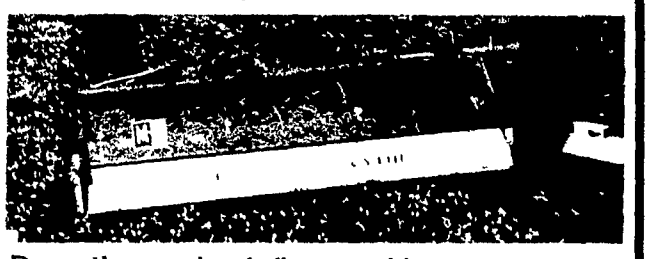

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One last

|Continued from Page 86|

millers alike. It was also pointed out that although the barley crop was averaging out to be just half of normal, yields were reported all the way from zero to 100 bushels per acre.

The wheat harvest was "incredibly early," said one miller in Lancaster County. Unlike the year before, farmers weren't plagued with wet conditions either, and the golden waves of wheat were quickly turned into groomed stubble. Yields weren't spectacular, but nothing to complain about either, and the quality was terrific. most farmers and millers agreed.

No significant harvesting problems were reported with either barley or wheat.

Farmers expressed some mixed emotions regarding the sale of their crops, but more of the grain appeared to be going to market early than was true the year before. This fact was taken as a possible indication of farmers having a little more confidence and satisfaction in the market than was true in 1975.

Grain prices jumped upwards a bit, which might have been one reason for growers sending their crops to the elevators. No one in the business could give a sound explanation for the price increases, but the drought in Europe was believed to be a strong factor. Rumors of more exports were also in the air.

While grain prices were rising, feed dealers expressed some concern over the development since some resistance on the part of the livestock industry could result from it Grain handlers lowered their profit margin to help avoid the resistance factor at the retail level.

Out in the hay fields, hay oftentimes looked very good because the growing season was just about ideal. The problem was that the raincloud often got to the fields before the baler.

HOLSTEIN MEET

Members of the Holstein-Friesian Association of America met in Philadelphia

|Continued on Page 88

The wheat harvest last year turned out good in yield, and even better in quality.

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IM-PRUV-ALL

Nebraska Calves On Im-Pruv-All Silage

Vincent Flammang, Cambridge, Nebraska, has farmed in this area for 23 years. He operates 1800 acres in corn, alfalfa, milo and pasture.

Last November Mr. Flammang put 147 calves (380 lbs. - 450 lbs.) on feed. The ration was all the Im-Pruv-All treated alfalfa haylage they wanted, rolled corn and corn stalk pasture. These calves were sold April 15th and had an average gain of 300 lbs.

Mr. Flammang says: "These calves did as well as any livestock I ever owned. Considering the very severe winter we had, I feel very fortunate. This was the first winter I can remember that I had no herd health problems. I didn't doctor a one—not even one shot! I had no respiratory problems or loose cattle. I've used Im-Pruv-All on my silage for three years, and have ordered product to treat my crops for this year."

Vincent Flammang
Cambridge, Nebraska

Uses Old Silo For I-P-A Grain

I have used Im-Pruv-All Fermentable Product G55 for 2 consecutive years in ground ear corn in an upright cement silo. The silo is old and has been through a barn fire. Needless to say, it is in poor condition. Despite this, I have been more than satisfied with the quality product resulting from the use of Im-Pruv-All.

Donald Holman
New York

Silage Doesn't Smell Sour

Pictured above is Kent Anderson, a Loveland, Colorado farmer-feeder. He has used Im-Pruv-All on part of his corn silage. Also he has put up alfalfa for two years with Im-Pruv-All for feeding his 600 to 800 feeders. He takes them all the way to fat cattle.

He says: "I like the way my silage feeds out. I like the color and protein content. The spoilage factor is small, and it smells good. It doesn't smell sour like it used to. My cattle seem like they crave this haylage."

Kent Anderson
Loveland, Colorado

Steak Too High?

The other day a woman went to the butcher shop and was told that the steak she wanted was $3 a pound. "But I can buy the same steak for two dollars a pound at the shop across the street," she protested.

"Then why not buy it there?" the butcher asked.

"They're out of it," she answered.

"Well," the butcher said, "when I'm out of it, I only charge a dollar a pound."

Cuts Feed Costs $300-$400 Per Month

Definitely cut down on spoilage. We feel we can now put in direct-cut alfalfa hay without previous problems that were usually occurring in our program.

Gary has tested his feed and as a result has balanced his protein and dry matter. He finds that he was over graining his cows. Gary says, "We have cut our feed cost by $300 to $400 per month and production does seem to be coming up."

The Somes are also on Im-Pruv-All balanced minerals and vitamins.

Barton and Gary Somes
Memphis, New York

I-P-A Oatlage Produces Better

I was introduced to Im-Pruv-All last spring. Intending to put oatlage in my newly constructed silo, I was undecided as to when would be my best time to harvest my crop. Other farmers told me various times to do the harvesting, but my Im-Pruv-All representative told me the very best time to harvest the crop was at the spike stage.

However, weather did not permit harvesting at this time, so we found it necessary to harvet the crop a little later in its heading stage. We chopped it right behind the windrower and treated this silage with Im-Pruv-All.

When we started feeding the oatlage, it smelled good and the color was good. The silage was very high in moisture, but the silo did not seep at all.

The cows did extremely well on it, producing better on oatlage than on hay silage, which had not been treated with Im-Pruv-All.

We have been well satisfied with the product, and recommend it highly to other farmers.

Michael Depinet
RD 2, Fostoria, Ohio

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Jack Sheridan 804-823-5968

One last

[Continued from Page 87]

and following that held their annual conventional sale at the Guernsey Sales Pavilion in Lancaster. Topping the July 2 sale was "Joy of Christmas," a 2-year old daughter of "Round Oak Rag Apple Elevation" consigned by Donald Seipt of Easton. Oak Ridges Farms, Ltd., of Ontario, Canada, purchased her for $29,500.

Egg producers decided last Summer to "see the Standard Brands lawsuit brought to its ultimate conclusion." The action was voted on during a regular quarterly meeting of the board of directors of United Egg Producers.

A $50 million lawsuit was filed against Standard Brands on Oct. 28, 1975 due to advertising practices. The egg industry continues to do battle with the issue and the Federal Trade Commission itself on the matter.

Meanwhile poultry production in Pennsylvania for the week ending June 19 was up 31 per cent over the same period the year before. Nearly 1.7 million broilers were placed that week.

WEATHER STUDIED

Two Senate subcommittees opened hearings in July to attempt to determine how the federal government could respond to the frequent and sometimes chronic drought and other weather problems which have plagued farmers in sections of the U.S.

The past, present, and future of the livestock industry was pondered at the Livestock Marketing Congress '76, held in Hershey, Pa. in early July.

Forty-four 4-H exchange students from Colorado were in Lancaster County in late June to early July. "We were all surprised at all the agriculture you have here - all the corn and grains. And everywhere you look it is green," said one 4-H'er.

The 27th annual Kutztown Folk Festival drew 100,000 visitors last Summer, including a number of foreign tourists.

A chemical growth stimulant made its first debut on the East Coast last Summer. The product was reported to have the potential of increasing corn yields by five to 10 bushels per acre. Applied by airplane, the produce was introduced here by the Organic Plant Food people.

Hogs on Pennsylvania farms were reported to be 13 per cent higher in number than a year earlier. A total of 675,000 hogs and pigs were counted by the Pennsylvania Crop Reporting Service.

DAIRY CONTROVERSY

The Pennsylvania Milk Juggers Association went to Washington, D.C. in early July to argue their point on prices, sales, and the future of the family farm. They came armed with 100,000 signatures and had Pennsylvania's two senators open their offices to them. The aim was to seek amendments in the federal milk marketing order, and the repercussions had juggers and non-juggers talking. Juggers wanted freer access to markets, while non-jugging dairymen thought such an arrangement would give juggers an unfair competitive edge. Also, it was explained that the federal milk marketing orders allowed juggers all the freedom they could want.

A severe storm on June 1 flooded roads and fields alike, leaving a trail of destruction which surpassed the memories of many.

The thorn in the issue was the reconstitution of skim milk from powder and water. By law, juggers could not do this and expect to retain their status as juggers. If they did, they had to pay assessments the same as the big milk dealers. Some juggers resented this.

The Class I price for August was announced on July 7: $11.10 per hundredweight.

A rise in the price of eggs was predicted for 1977 if egg production continued the trend that had been established during the first six months of 1976.

Pennsylvania's sweet cherry crop was pretty well taken care of by July 10 and it came up 29 per cent shorter than the 1975 crop. An estimated 4100 tons were picked, according to the Pa. Crop Reporting Service.

SOYBEANS SKYROCKET

The price of soybeans skyrocketed by more than 50 cents per bushel in early July, due to Soviet grain purchases. Other grain prices were also affected, but soybeans lead the trend. Soybeans were quoted at $7.15 per bushel. One knowledgeable grain market observer opinionized that the price jump had an "overreaction factor" in it and that prices would level off a bit in weeks to come. They did.

The Soviets purchased 1.3 million tons of soybeans from the U.S. during the first 10 days of July.

Combines were rushing out to wheat fields in between showers, attempting to harvest the estimated 60 per cent of the crop that was still out. Wheat yields in the area were respectable and quality was very satisfactory. Average Lancaster County yields were around 37

[Continued on Page 90]

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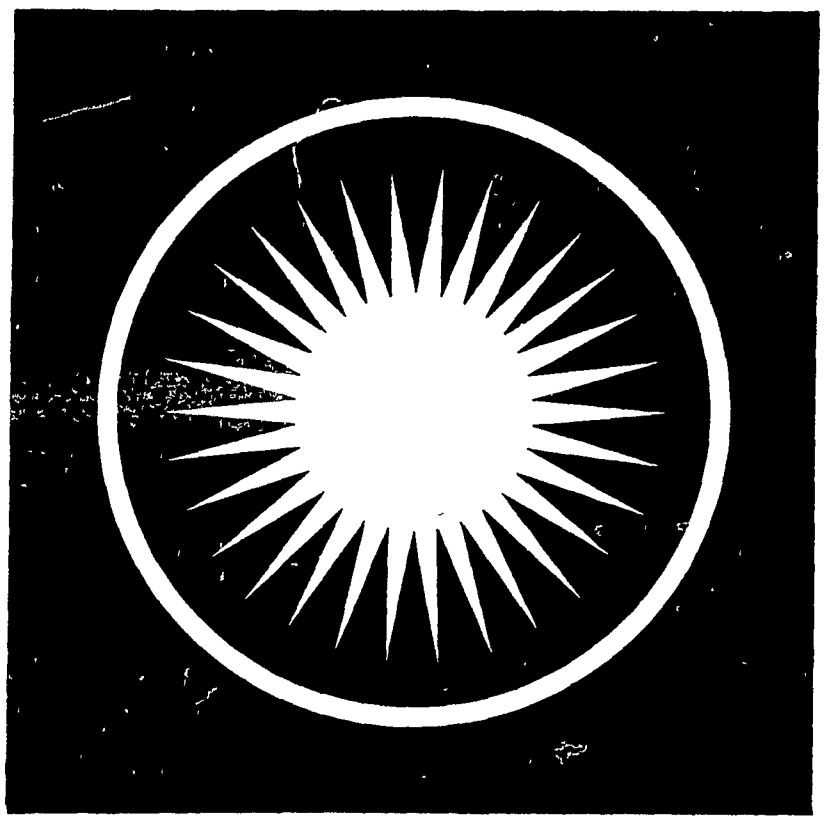

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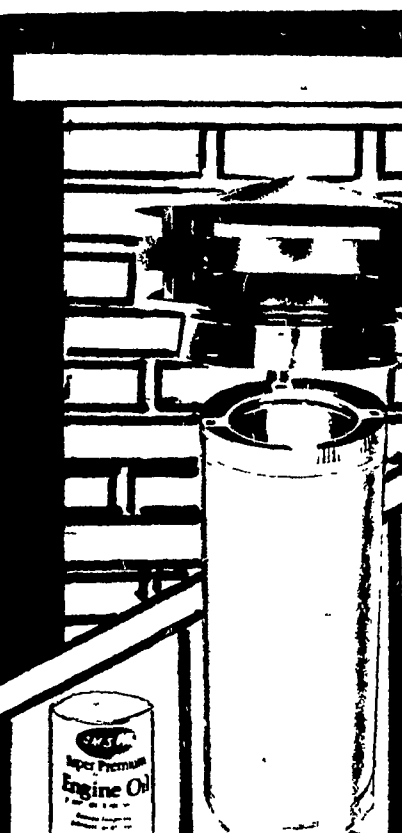

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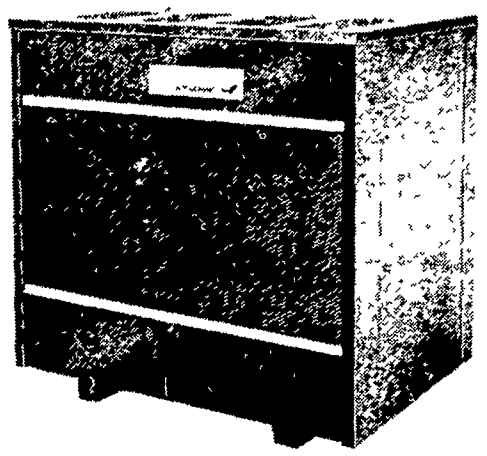
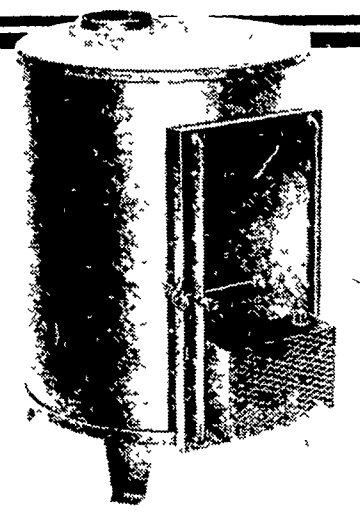
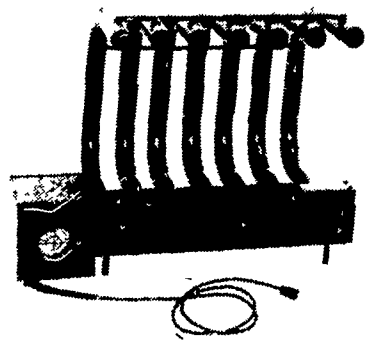


R-76 Wood & Coal Heater



R-75 Wood Heater



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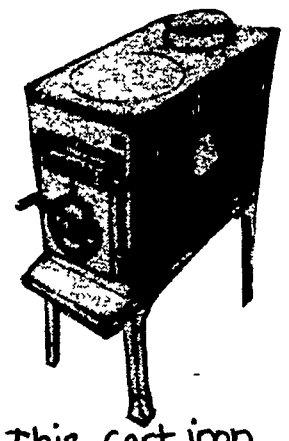
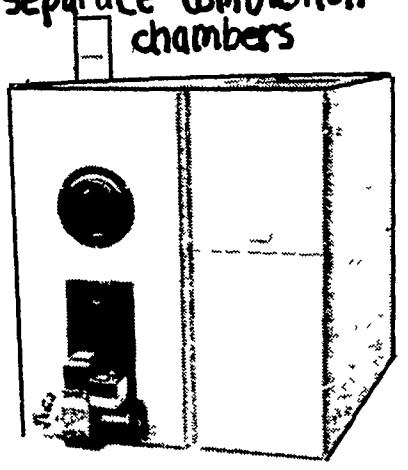
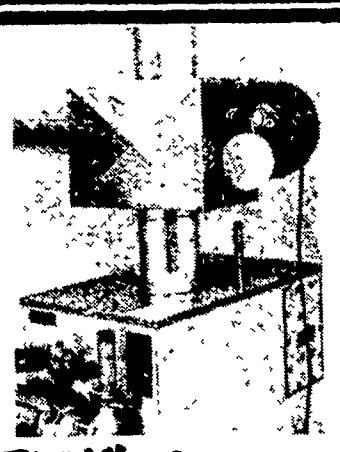


This cast iron **REGINALD** is imported from Ireland

The **NEWMAC** burns wood and oil in separate combustion chambers





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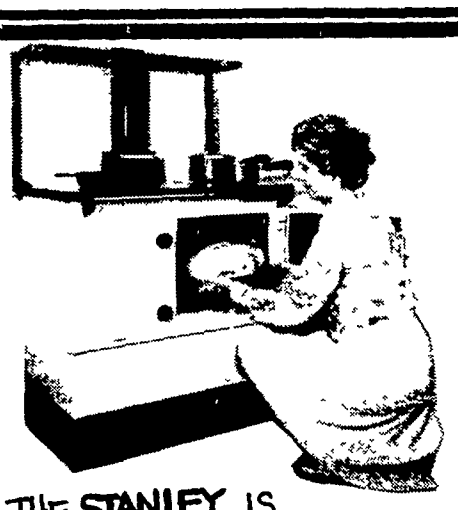

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We are located at the lower concourse in the large arena near the 4-H exhibit.

One last

[Continued from Page 88]

bushels per acre, the July 10 issue of Lancaster Farming reported.

MULTIFLORA ROSE PROBLEM

A control program against multiflora rose bushes was established last Summer and a chemical - Tordon-10K - which was used to combat the plant, required enough caution so that training meetings were set up to inform farmers about multiflora rose and programs designed to eliminate it.

The multiflora rose was also defended, however, for excellent wildlife qualities. At one time, in fact, the plant was being recommended to farmers by a government agency. The Summer of 1976 saw another agency get involved - but in the opposite direction. It had people wondering what was going on.

Joyce Bupp, who now writes regularly for Lancaster Farming, won a national essay contest in July. The Bicentennial essay contest was sponsored by the American Farm Bureau Federation. As winner, the 30-year old York County woman won a trip to the annual AFBF convention in Hawaii.

Crop insurance hit a new high in 1976 - $2 billion.

Meat imports for 1976 were limited to 1,223 million pounds, former U.S. Secretary of Agriculture announced in July.

Vintage Sales Stables began having feeder pig sales on July 1.

SUPER CROPS

The year up until mid-July was "really good for growing crops." Most crops were ahead of schedule in their growing stages and earlier than usual harvests were being predicted. Corn was doing exceptionally well, with a number of fields showing tassle since about July 10. Many corn stalks in southeastern Pennsylvania had reached six feet high July 4. The bumper crop which came about was clearly in sight.

Tobacco had also been responding very well to the hot and humid weather which had favored the area for the past several weeks. According to Arnold Lueck, county agricultural agent, tobacco was 10 to 14 days ahead of schedule. Lueck believed the crop was actually growing a little too fast, pointing out that "it's a soft kind of growth which doesn't cause the leaves to get bigger . . . the plant is just adding more leaves." A bit of dry weather would help the situation, he commented. Lueck predicted an early harvest of tobacco, but not significantly bigger yields.

Soybeans were described with just one word in mid July - "excellent."

Randy Ranck of Quarryville became State FFA President in June of 1976.

The picture was also brilliant for vine crops such as tomatoes and potatoes.

The hay crop picture wasn't so bright. There was plenty of hay out there, but with the moist weather, few really good bales were being brought in by the average farmer. Those who had good hay in their barn were the exception.

MANURE MANAGEMENT

Manure management increased in importance and this newspaper covered several meetings to that effect and featured more than one installation during the past year. One of them was the hydraulic ram operation on the Calvin Beiler farm near Christiana.

At the three-quarter mark, the wheat harvest in the area continued to look satisfactory in both yield and quality. Quality was going down, however, as the days progressed. Moisture percentages were up and some sprouting was actually being reported. In no way, however, was it the kind of nightmare the farmers experienced in 1975 when much wheat sprouted right on the stalk.

Favorable milk prices were predicted by USDA for the remainder of the year.

The York County 4-H swine round-up was held at Sechrist's Auction on July 12, grossing $5127 for 42 hogs sold.

Directors of the Eastern National Livestock Show Timonium, Md., decided to add a 4-H and FFA commercial beef and heifer show in 1976.

The 22nd annual Natural Foods Convention was held in Selinsgrove on July 24-25.

The top chicken cook for 1976 was Thomas C. Parvis. A New Jersey industrial chemicals salesman, Parvis won the honor and $10,000 in prize money in the National Chicken Cooking Contest, held in July. He called his entry "Sunshine Chicken."

FTC WITNESSES CHALLENGED

Egg producers expressed unhappiness with FTC hearing proceedings regarding egg advertising and especially references to cholesterol. The hearings on

[Continued on Page 92]

STOLTZFUS MEAT MARKET

ATTENTION FARMERS
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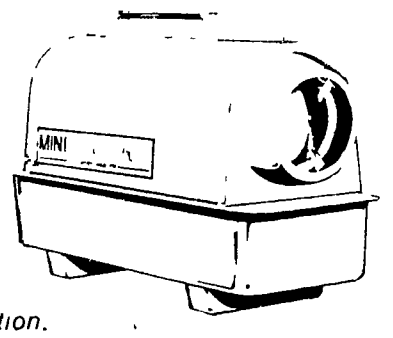

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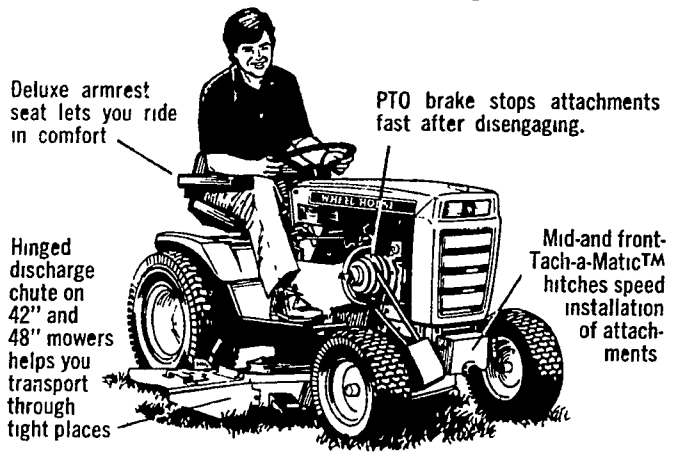
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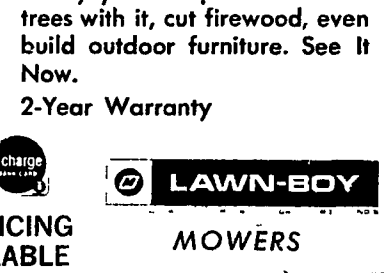

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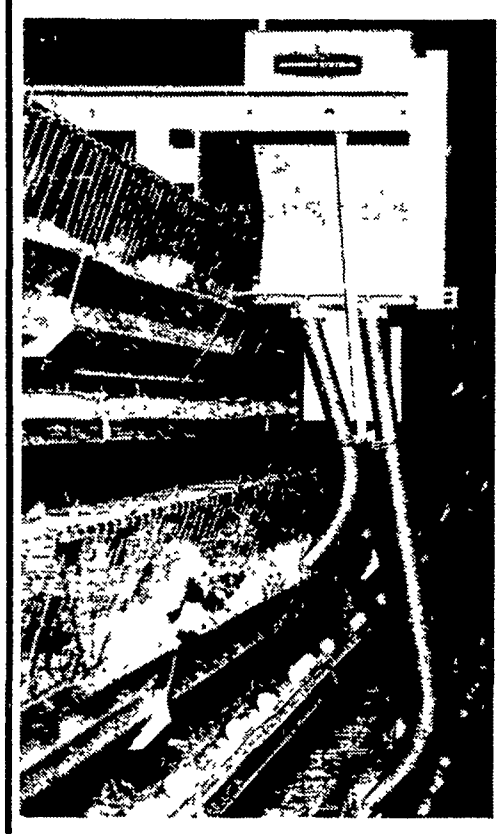

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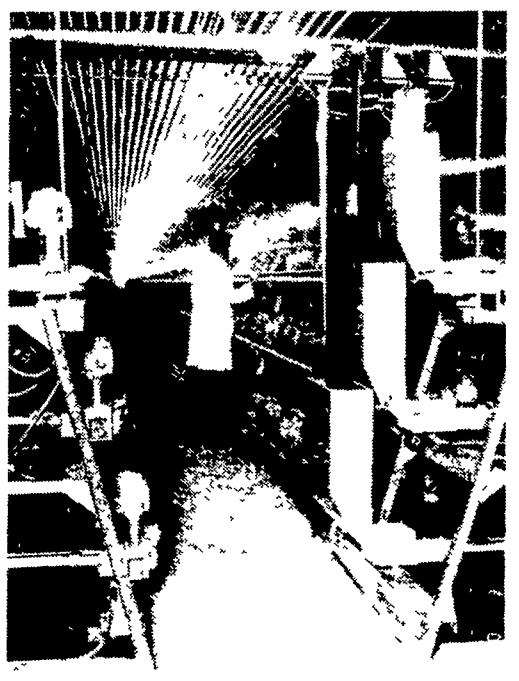

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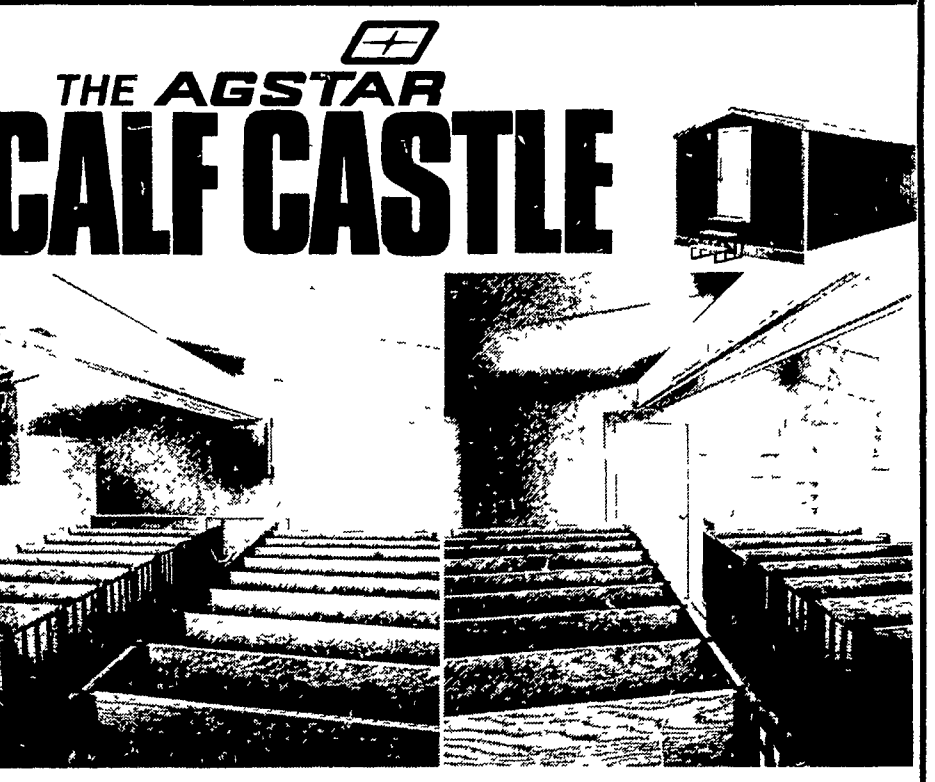

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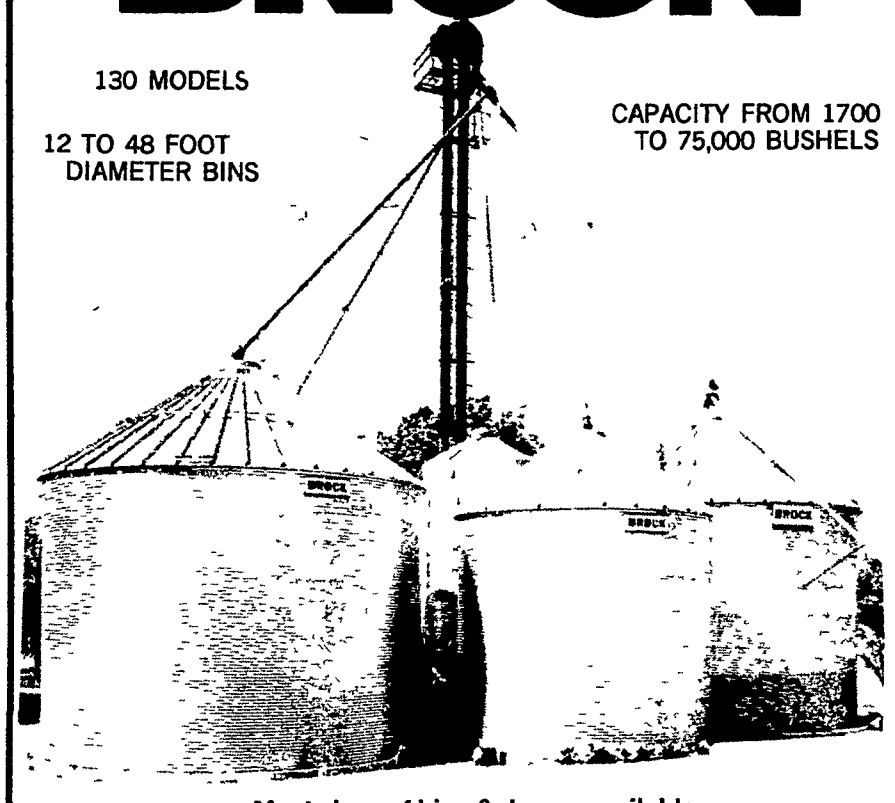

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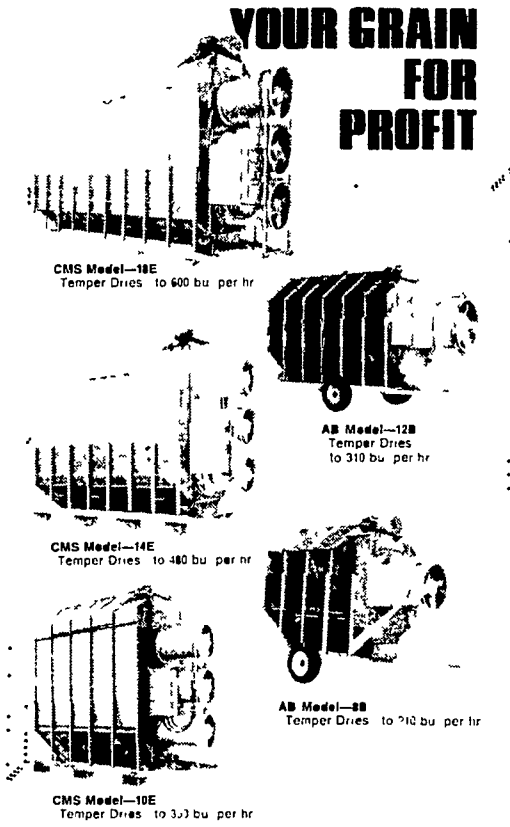

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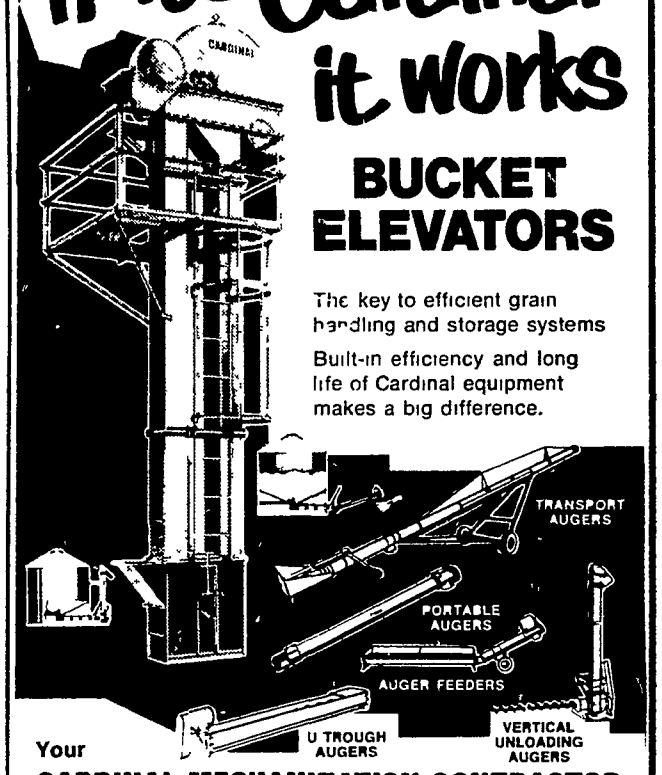

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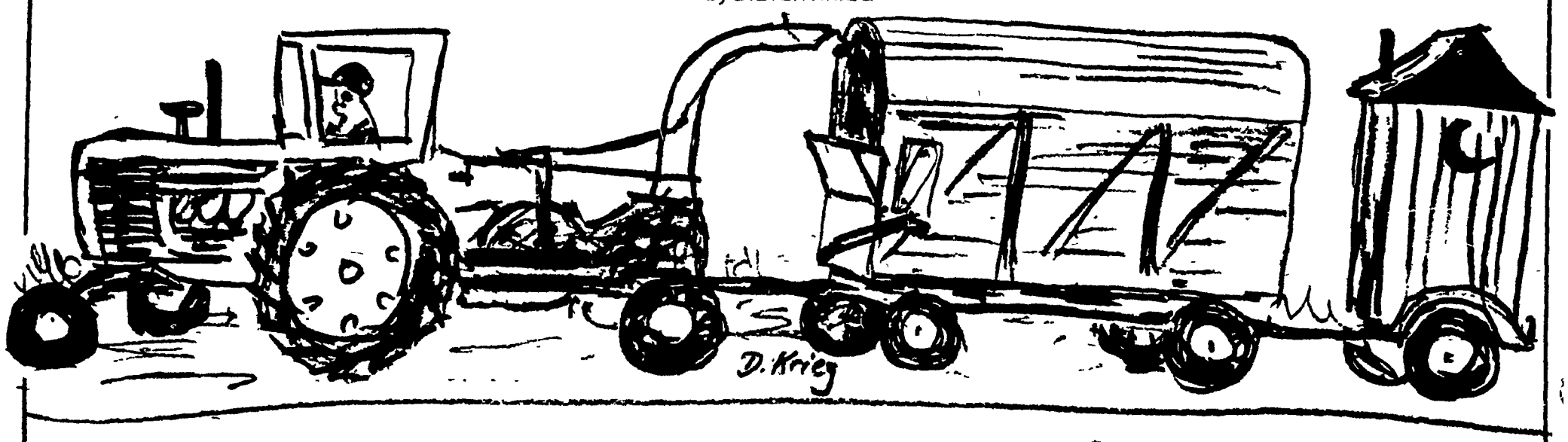
EDITORIAL COMMENTS

Lancaster Farming, Saturday, July 31 1976

By DIETER KRIEG



According to the Occupational Safety and Health Act (OSHA), farmers must provide toilet facilities within a five minute walk for their employees. Well, some farmers have fields so big or so far out in the boondocks, that a five-minute walk wouldn't be adequate. So, pictured above is a possible solution to the problem.

One last

(Continued from Page 90)

regulations regarding food advertising began on July 12.

Drought eroded European harvest hopes, news services informed Lancaster Farming. The lowered harvest expectations across the ocean were expected to provide American farmers with additional markets. Wheat was thought to be one of those crops, but the harvest in the U.S. and much of the rest of the world turned out to be so big that it's actually a big glut on the market. But the potato market was different and thousands of tons were imported by Europe as the year progressed.

The Soil Conservation Service developed a new policy for identifying prime and unique farmland. Prime farmland was now defined as land suited and available for producing food, feed, forage, fiber, and oil seed crops. The land could be cropland, pasture land, range land, or forest land. Unique farm land was defined as that acreage which was used for a specific agricultural commodity such as fruits and vegetables.

OSHA NEEDLED

"Hazards are the main cause of accidents . . . you can get cut by bolts or nails that stick out . . . when floors are wet with manure, you could have a bad fall," OSHA told farmers. Congressman Ed Eshleman said the wording often added insult to injury. The recommendations and rulings were the subject of arguments and humor. Drawing wide applause was an editorial written by Dieter Krieg in the July 24 issue of Lancaster Farming, and a cartoon which followed in the July 31 issue.

It was noted that OSHA regulations, if piled one on top of the other, were 17 feet high.

Victor F. Weaver of New Holland in July signed an agreement with the National FFA Foundation, Inc., to help sponsor a national poultry contest.

FIRST IN STATE

The Lancaster County 4-H livestock judging team placed first in a regional judging contest in July of last year. The winning team was composed of Tony Eberly, Denver R2; Kenneth Brubaker, Lancaster; Robert Hess, Lancaster R2; and Kevin Rohrer, Manheim R7. Eberly claimed high individual honors; Brubaker was second, and tied for third were Hess and Rohrer.

Close to 50 FFA, 4-H and junior Holstein members attended a Junior Holstein Field Day in Berks County on July 15.

CONSERVATION FIELD DAY HELD

Two Solanco youths scooped their way to the top two places in the land judging contest which was part of the Lancaster County Conservation District's annual field day. The boys, Les Hershey and Bruce Kreider, were in competition with 23 other students from six schools and at least one 4-H chapter.

The annual Lancaster County plowing contest was also held the same day on the Mark C. Risser farm, just west of the Buck. The events were won by Frank Burkhart and David Becker.

Twelve young adults from southeastern and south-central Pennsylvania were named to participate in the annual meeting of the American Institute of Cooperation in Blacksburg, Va. on July 26-29. Those named were: Gary Akers, Quarryville; Kerry Boyd,

(Continued on Page 94)

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Whether you are thinking about automating your setup or if you just want to know what it is all about, read on. Then mail the coupon or call us collect at 608/849-5012.

Automating your milking parlor or flatbarn is a big step, but it's a *progressive* step that can dramatically increase your labor efficiency, improve your udder health and make milking quieter and easier, much less of a chore.

GERMANIA Automatic Take-Offs are the ultimate in automatic equipment. On the market less than two years, 130 dairymen have bought more than 3,000 units in 28 states. The incredible success of the GERMANIA "AirMatic" comes from one simple idea — ALL-AIR OPERATION AND CONTROLS.

ALL STAINLESS FLOW SENSOR

The flow sensor determines the end of milk flow. It has wide open flow passages and never plugs up because there is no orifice or restrictions in the milk flow. The flow sensitivity can be adjusted to as little as two ounces per minute or as much as one pound per minute. Good flow sensitivity is crucial to avoid under-milking of hard milkers.

THERE ARE FIVE "AIRMATIC" MODELS TO CHOOSE FROM

Model A was specifically designed for double-10 and longer herringbones, and for double-4 or longer side-openers. In these long barns, the operator is too far away from his cows most of the time to keep track of problems such as fall-off or no letdown. He needs the monitor of Model A which displays a red flag warning "Recheck Udder" if the milking machine comes off within the first three minutes after start of milk flow.

Model B, developed for shorter barns, is identical to Model A except that it has no monitor. In smaller milking parlors, the operator is close enough to all cows to keep track of problems that might occur and the monitor is not necessary.

On the *Model C*, the support arm is replaced by a retract chain. By correctly timing the retracting in relation to shutting off the vacuum, the milker is gently removed from the udder and does not fall to the floor. Model C is particularly useful in herringbone barns with very short cow distances and in milking parlors where cows are milked from between the rear legs.

Model D is an automated vacuum shutoff As the cow milks out, the vacuum shuts off and the claw drops off the udder. A claw support arm or something comparable is needed to keep it from falling to the floor. Model D is intended for Surge side-opening barns using the Surge support arm; also for stanchion and flatbarns where the DeLaval back cord is routinely used.

Model F, designed for West Coast flatbarns, is identical to the Model B with the exception that the retract arm is universal and can milk cows from the left as well as the right. Hosing down cow platforms and washing cows directly in the stanchions creates no problem for the all-air controlled Model F.

INCREASE LABOR EFFICIENCY

One area where labor can be reduced is with the support chores. With the addition of power gates and a crowd gate, the milker can milk about 10-20% more cows per hour.

ASK ANY USER*

Here is a response from Pennsylvania dairyman, George Stambaugh. "Shortly after the changeover to GERMAINA Automatics, production was up *1,000 pounds*. Production is now up about *1,500 pounds over last fall.*"

George installed 10 Model B GERMANIA "AirMatics" at his dairy in December, 1975. He services the units himself and commented on how easily the units can be maintained. One point he made is that there are "*no electrical gadgets to sort out.*" The "AirMatic" is the first major piece of automation without any kind of electronics.

*Installation lists available on request.

Service You Can Do Yourself

Anyone with a minimum of mechanical understanding can service the simple air controls of the "AirMatics". Many times the units are maintained and serviced by on-farm personnel. All parts of the GERMANIA "AirMatic" are guaranteed for one year. The flow sensor is guaranteed against any kind of failure for as long as you own the equipment. In addition, GERMANIA provides three free maintenance checks the first year.

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Every barn is different — so is every herd. There are also differences in milking management and habits. Therefore, the best place to test "AirMatic" take-offs is in your own barn. Call us and we will install one or several "AirMatics" at your dairy. Try one model or different ones side by side. No cost, no obligation.

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One last

[Continued from Page 92]

Ephrata; Dale Burkhart, Denver; Richard Groff, Leola; Roberta Ekdahl, West Chester; Nedra Yoder, Shoemakersville; Catherine Wallaston, Toughkenamon; Emily Hollowell, Ottsville, Zepp, New Oxford; Robert Bair, Wrightsville; Mary Ann Klinger, New Oxford; and Linda Hall, Alexandria.

DISAPPOINTING YIELD

A combination of unfavorable weather conditions - an open Winter and a dry Spring - were being blamed for empty grain bins and lost profits in regions north of Hershey and west of Hanover. It wasn't much of a crop, growers from those areas told Lancaster Farming in late July. A Bloomsburg man said wheat in his area looked more like timothy.

But for peaches, the situation was very definitely "peachy." The fruit was plentiful, large, and full of flavor, reported orchardmen in Lancaster County.

Gail McPherson, wife of National Peach Council president, Paul McPherson, Gatchellville, York County, announced plans for release of a new cookbook which featured nearly 300 recipes which have peaches as a primary ingredient. Aside from Mrs. McPherson herself, over 20 York County residents contributed to the recipe collection, entitled "The Passion for Peaches Cookbook."

4-H DAIRY ROUND-UPS

Sandi Frey, Willow Street, showed the grand champion Holstein in the Lancaster County 4-H Dairy Round-up on July 27-28. Held for the first time at the expanded and improved Solanco Fairgrounds, the event received double open-page coverage in Lancaster Farming.

Grand champion Guernsey exhibitor was Rick Crider of Nottingham; the Ayrshire champ was Rhonda Shope, Elizabethtown; Browns Swiss - Robert Witmer, Willow Street; Jerseys - Matt Arrowsmith.

Chester County 4-H'ers held their dairy round-up the same week, with Dean Yarnall capturing the top Holstein award. The Jersey winner was Bruce Heller; Ayrshire - Kennard Henley III; Guernsey - Jeffery Staner; Milking Shorthorn - J. Douglas Marsh.

Berks County Holstein breeders held their annual Summer picnic at the Richard Troutman farm with approximately 200 members in attendance.

More Holstein activities took place in Quarryville as the Lancaster District Holstein Show got underway. Nathan Stoltzfus of Gap R2 received the coveted premier breeder and exhibitor banners and also won the reserve grand champion honor. Linda Kauffman of Elizabethtown exhibited the grand champion of the show.

RANCK MEETS FORD

Pennsylvania's FFA president met with President Gerald Ford in July. The former Solanco student was one of 80 state FFA officers from across the country to be invited into the White House to meet with the Chief Executive.

John M. Keith, 20, of Entriken, and Anna May Snyder, 19, of Camp Hill, were chosen prince and princess of the Pennsylvania State Grange.

An identification program for grade Holstein females was approved by the Holstein Friesian Association of America last Summer.

A crowd of approximately 2000 persons saw the Sire Power Sale average $2293 on 63 Holsteins. Topping the sale at $11,000 was a daughter of "Rag Apple Elevation."

Inter-State Milk Producers called a symposium last Spring, and a seminar last Fall aimed at bringing the farmers' viewpoints into better focus with consumer groups.

The milk-feed ratio declined in June to 1.42, due to a decrease in milk prices and increase in feed costs.

Farmalnd values increased an average of 14 per cent between March 1, 1975 and February 1, 1976, according to the Farm Real Estate Market Development study. Total value of U.S. farmland was pegged at $421 billion as of Feb. 1, 1976. Farm buildings accounted for $72 billion of that total. The average value of an operating unit was set at $165,000.

FFA HOG SHOW

Cliff Charles, a former voag student at Penn Manor High School, won the Lancaster County FFA Hog Show in late July with his 200-pound ⅞ Duroc. The show was one of the largest in recent years, with 349 head entered.

The Pennsylvania Department of Agriculture, in response to an outbreak of Hog cholera in Massachusetts and the possible exposure to herds in Rhode Island and New Hampshire, imposed a statewide embargo on the movement and sale of all swine from those states into Pennsylvania, effective July 23.

"The threat of a corporate farm takeover of American agriculture is an election year bogeyman," proclaimed Allan Grant, president of the American Farm Bureau Federation.

The Pennsylvania State Grange in late July characterized proposed legislation to create an Agricultural Bargaining Board as "unrealistic and too restrictive." The remark was in reference to HB 211, which was concocted by politicians to make agricultural marketing "more fair." The measure ran up against considerable opposition, not only from the Grange, but also from PennAg Industries Association. Lancaster Farming devoted nearly a full page to the opposing viewpoints.

PRICES DROP

Agricultural markets continued to puzzle economists and farmers in early August. At that time, for example, the price for soybeans in Lancaster County dropped to below $6 per bushel after having been above $7 just a month earlier. And beef prices, for

[Continued on Page 95]

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One last

(Continued from Page 94)

months already an agonizing situation, continued to slump after hitting new lows for 1976 in late July.

The Lancaster County tobacco crop was shaping up as anything but uniform, reported Joanne Spahr in a page 1 story of the August 7 issue.

Lancaster County Holstein breeders held their annual field day on August 5 at the Maurice Welk farm near Quarryville. One of the unusual happenings was that a young dairyman - Ken Groff of Leola - chalked up a perfect score in the dairy cattle judging contest.

Chester County Holstein breeders held their annual field day that same week at the Jefferson Yoder farm outside of Elverson. An estimated 200 dairymen showed up on that balmy, breezy day in early August.

Another field day to take place that week was one at Penn State's agronomy research farm near Landisville. It takes 10 to 12 years to come up with a new plant variety, visitors were told.

PORK DAY HELD

The 14th annual Pork Day celebration sponsored by the Eastern Pork Producers Association got underway on Aug. 8 at the Kempton Community Center, with over 3000 pork chops on hand to feed an estimated crowd of 1000 persons in attendance. The promotional event was hampered slightly by rains, but was still proclaimed a success. Donald Singer of West Reading won the title of 1976 Barbecue King.

The Lebanon Fair was held during the second week of August. Holstein breeders in Lebanon County held their annual field day at the Raymond and Marlin Getz farm.

The annual Berks County 4-H fair took place on August 5.

The Adams County 4-H dairy round-up took place on August 6, with Christine Gitt of Littlestown taking home the top award.

To be continued next week.

My Fault

Will Rogers told about one trip to Washington "They took me in to meet President Harding, and I said, 'Mr President, I would like to tell you all the latest jokes' " "You don't have to," he answered, I appointed them "

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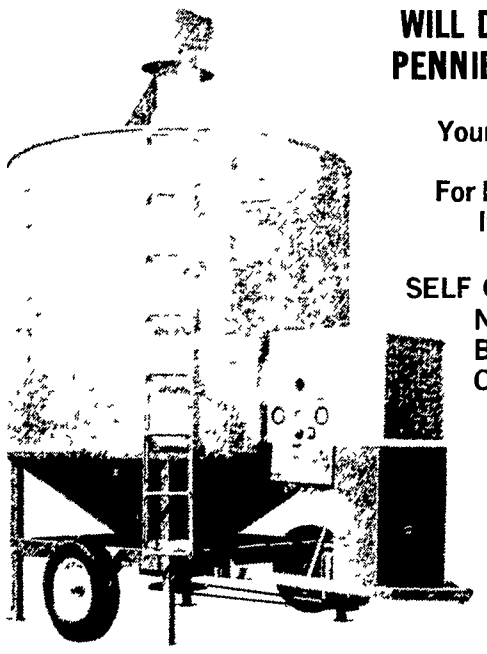

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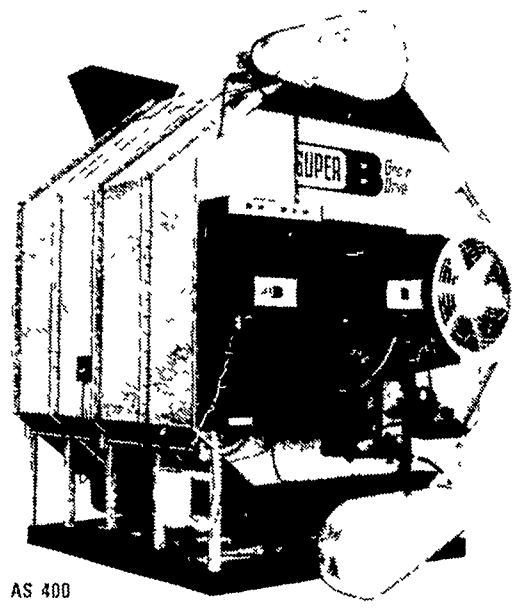

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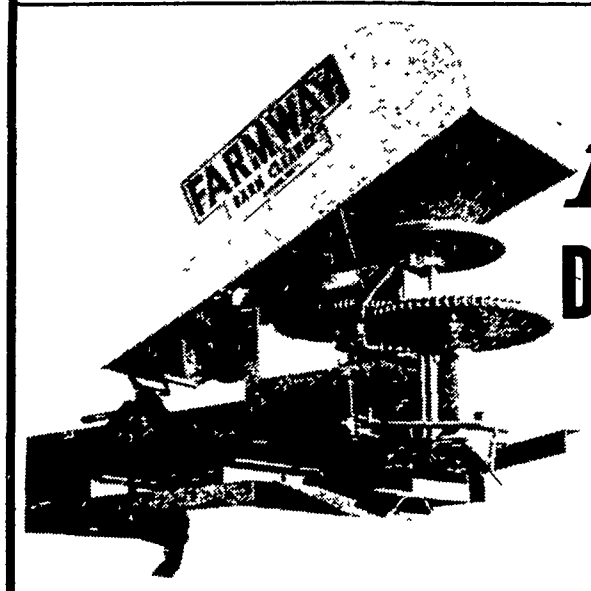

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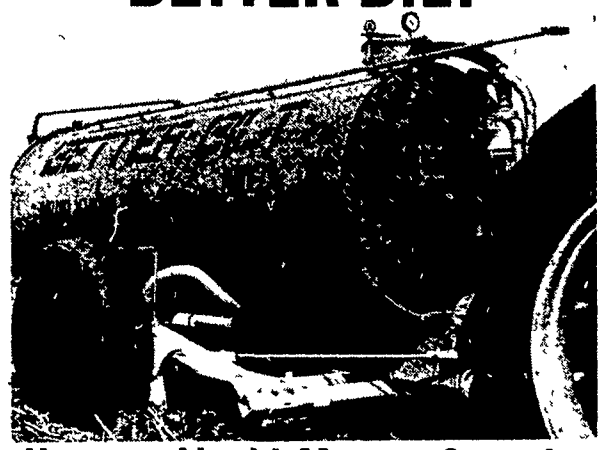

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Nine cows led way to Master Farmer

UNIVERSITY PARK, Pa. - A Bradford County farmer, whose 82 cows last year produced almost 1.5 million pounds of milk and at a low feed cost that any dairyman would envy, has been named recipient of a Master Farmer Award for 1976.

Milford Kinsman, 47, of Troy R3, will receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University, on January 11 at a Master Farmer luncheon in Harrisburg.

In the most recent DHIA year, the new Master Farmer's cows averaged 17,265 pounds of milk and 699 pounds of butterfat. And perhaps as revealing of dairy success are two other statistics - almost 500,000 pounds of milk shipped per man annually and a $3.47 feed cost per 100 pounds of milk produced.

After trying several "city" jobs following high school, Kinsman started farming on shares with nine cows. In 1950 he married Shirley and continued farming on shares until 1955. By then the young farm couple had 18 cows and a chance to rent her father's farm. Three years later they bought the 120-acre farm and have called it home ever since.

"We never thought we'd be milking 82 cows," Mrs. Kinsman recalls. In 1959, with a young family, they were hard pressed to take care of 35 cows. But expansion was inevitable. In 1961, they purchased a 113-acre adjoining farm and by 1963 were milking cows in two barns.

"I had a surplus of cows and a shortage of money," he points out. "So I sold every cow with a DHIA record and paid off all my debts without missing a milk shipment. I held back 35 first calf heifers."

Milford Kinsman tried several in-town jobs after high school, then started farming on shares with nine cows. The Bradford Countian now milks 82 cows and was recently named a Master Farmer.

There is no easy explanation of what makes this farm operation successful. Kinsman will emphasize his family. Everyone helps with wife, Shirley, and son, Kim, milking on a regular basis. Daughters, Penny and Pearl, help when school and studies allow.

Two daughters, Pamela and Patricia, have completed college and live elsewhere. Another son, Glen, is studying for a master's degree at West Virginia University.

Another key is a strong forage feeding program. The milking herd starts off the day with 20 pounds of corn silage per cow before milking. This is topdressed with ground high moisture ear corn and 28 per cent protein supplement. After the cows are turned out, they eat more high moisture corn, then eight pounds of second cutting alfalfa.

At 4 p.m. cows get another 20 pounds of corn silage plus grain. Following evening milking they are fed about eight pounds of first cutting alfalfa hay to carry them through the night.

"We never feed over 30 pounds of grain a day to a cow," the Master Farmer explains. "Basically they receive one pound of grain for each four pounds of milk."

The Master Farmer houses and milks the cows in a stanchion barn with four rows of cows. It is a remodeled expanded bank barn that dates back to the 1900's.

"We try to produce the best forage possible," he notes. "In 1975 our first cutting of alfalfa tested 18 per cent crude protein and second cutting, 22 per cent. Rain hurt the quality of the 1976 crop, though, with protein testing a poor 11.3 per cent. Second cutting alfalfa fared better at 19.8 per cent."

Kinsman has some strong opinions on cow management. Barn schedules are rigid. He doesn't vary 10 minutes on milking or feeding. And he drys off cows regardless of production when they are within two months of freshening.

On the way to his 17,000-pound per cow average, he fed an all-natural protein supplement that included soybean meal, distillers by-products and oats, plus molasses and minerals.

Commenting on problems encountered in his dairy opeation, the Master Farmer points out that numerous cows would not conceive. It was traced to cystic ovaries, the cause not known. To counteract this condition, he's switching sires and rebalancing minerals. He also had one major outbreak of mastitis in recent years

(Continued on Page 106)

The Largest Dairy Co-operative in Pennsylvania Salutes the Farmers of the Keystone State and their 1977 Penna. Farm Show

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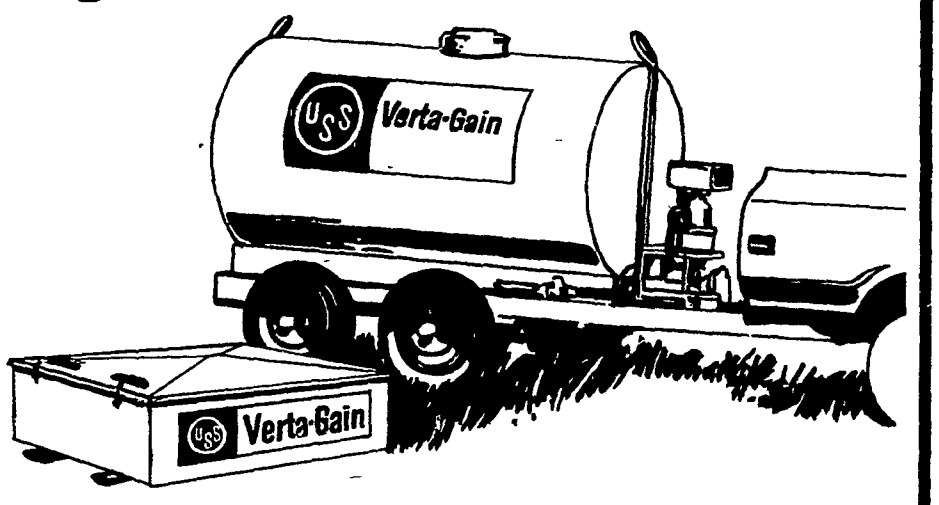

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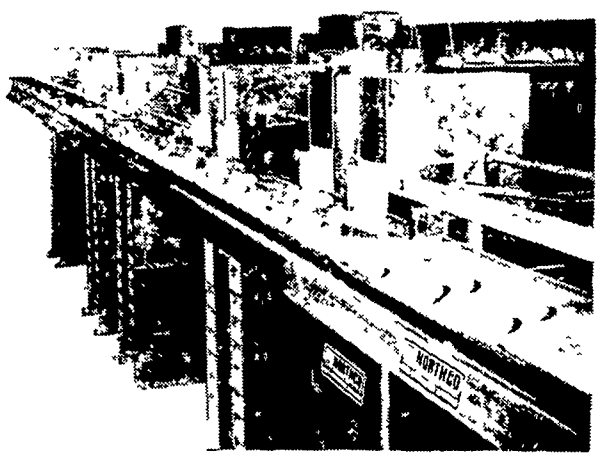

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Nine families receive Honorary Parent award

By JOANNE SPAHR

HARRISBURG, Pa. - Along with the Keystone Farmer Degrees, there will be several other awards handed out at the Future Farmers of America state convention to be held in Harrisburg on January 12. One of these will be the honorary parent award which goes to parents having three or more Keystone Degree sons or daughters. Nine families in the Eastern Region of Pennsylvania will be given this honor.

Their names and a brief biography of each follows:

Mr. and Mrs. George Manbeck

Mr. and Mrs. George Manbeck, Womelsdorf R1, have the largest number of sons to be named Keystone Farmers in the Eastern Region of the state. On Wednesday, they will see their fourth son, Norman, receive his degree just like their three other sons before him.

The Manbecks also have had two state officers and one Star Farmer American come from their family. Oscar J., who was the first son to receive the Keystone Degree in 1965, was also the first state officer, when he held the position of state chaplain. He then went on in FFA to earn the Star Farmer American Degree. He is now married with three sons.

The second son to earn the Keystone Degree was George, Jr., in 1972. He is now married with one son and is working on the farm with his father.

Herman is the third son to receive the Keystone Degree. He received it in 1975 and is still a member in the organization, holding the office of state chaplain.

Norman is their fourth son to earn the degree. For more information on the 1977 Keystone Farmer, refer to a separate article in this week's **Lancaster Farming**.

At this point, the whole family is working together on an 875 acre farm with a 300 to 350 cow dairy, including dry cows.

This operation has been running for four years now, although it actually began 33 years ago when the Manbecks married and began to build up the dairy and raise a family.

To do the milking, one of the Manbecks and a hired man get up at 4 o'clock in the morning to start the work and begin again in the afternoon by 2 o'clock. The morning shift is rotated, so that only once every five days does the same person have to rise in the wee hours of the morning.

Of their 875 acres, 450 are in corn, 200 of which becomes silage and 250 picked and shelled; and 275 is in alfalfa.

The Manbecks also have one daughter, Agnes, who is married to a dairy farmer.

Mr. and Mrs. Howard Long

Mr. and Mrs. Howard Long, Columbia R2, have had three sons awarded to the Keystone Degree.

Those sons are Glenn, who received this title in 1974 and is now doing voluntary service on John's Island, S.C.; Gary, who earned the degree in 1975, and is presently a mechanic at Cope and Weaver Company, New Providence; and Galen, who will have the title confered on him this Wednesday at Harrisburg.

The Longs live on an 89 acre, tillable, farm where they raise steers, pigs, and tobacco.

Their two oldest boys used their FFA training to prepare them for their trade. Glenn had the first place ranking in the state for the ag mechanic proficiency award when he was in the FFA, and Gary took second place in that area. Their third son Galen prefers raising hogs and beef.

They also have a fourth son, Gordon, 14, who is a member of the FFA. Together Gordon and Galen do most of the farm work, with their father working on an ag-related job off the farm.

Mr. and Mrs. Thomas Shuey

Mr. and Mrs. Thomas Shuey, Annville R2, have been named honorary parents for having three sons receive the Keystone Farmer Degree.

Thomas Jr., age 24, was the first to receive the award in 1971. He is now married and works parttime with his

(Continued on Page 102)

Mr. and Mrs. George Manbeck

Mr. and Mrs. Thomas Shuey

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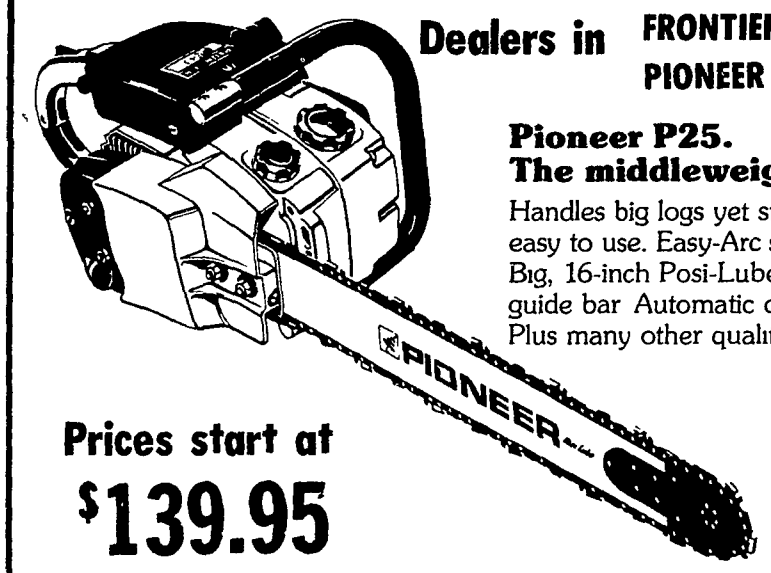

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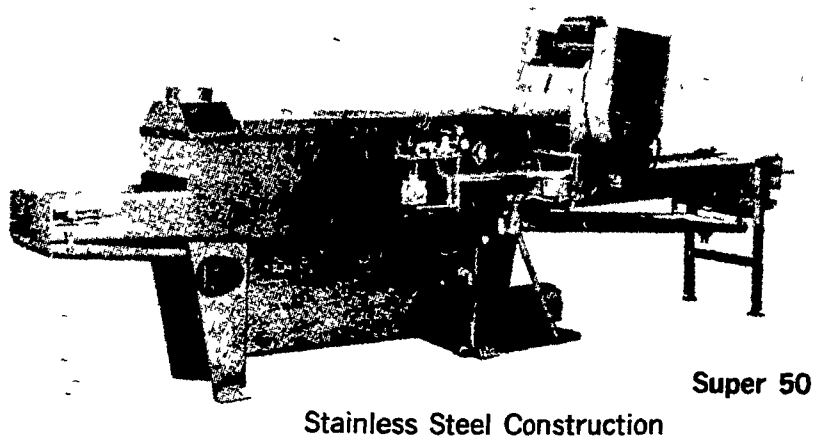

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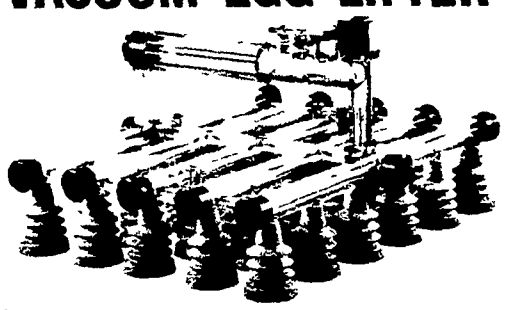

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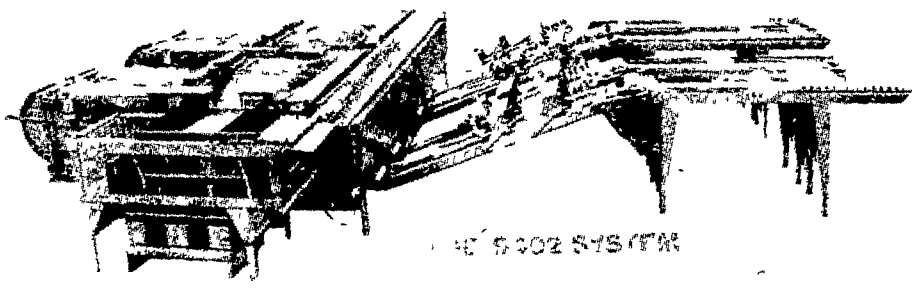

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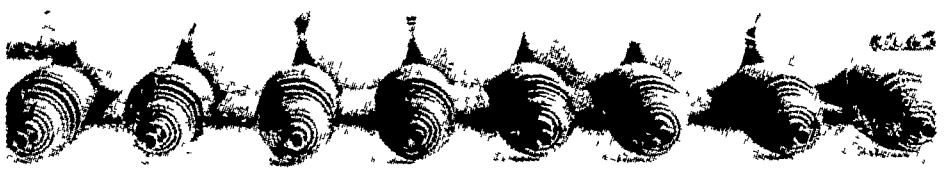

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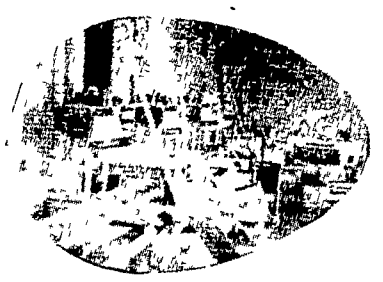

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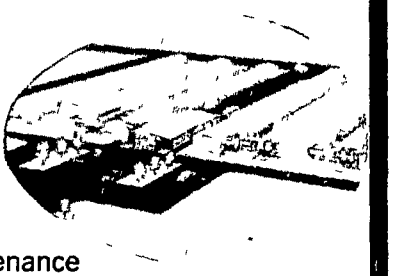

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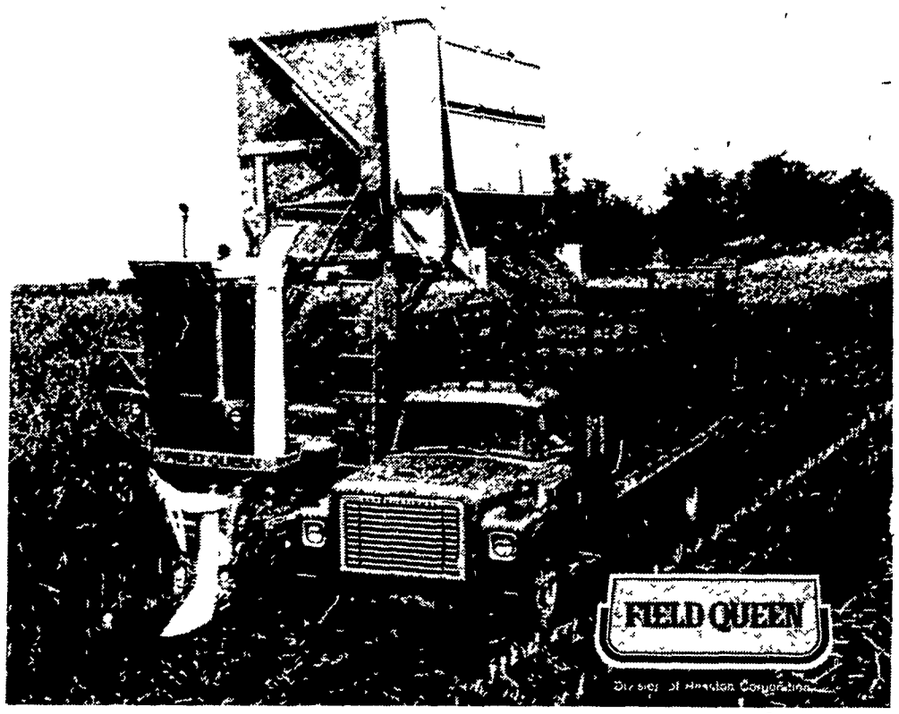

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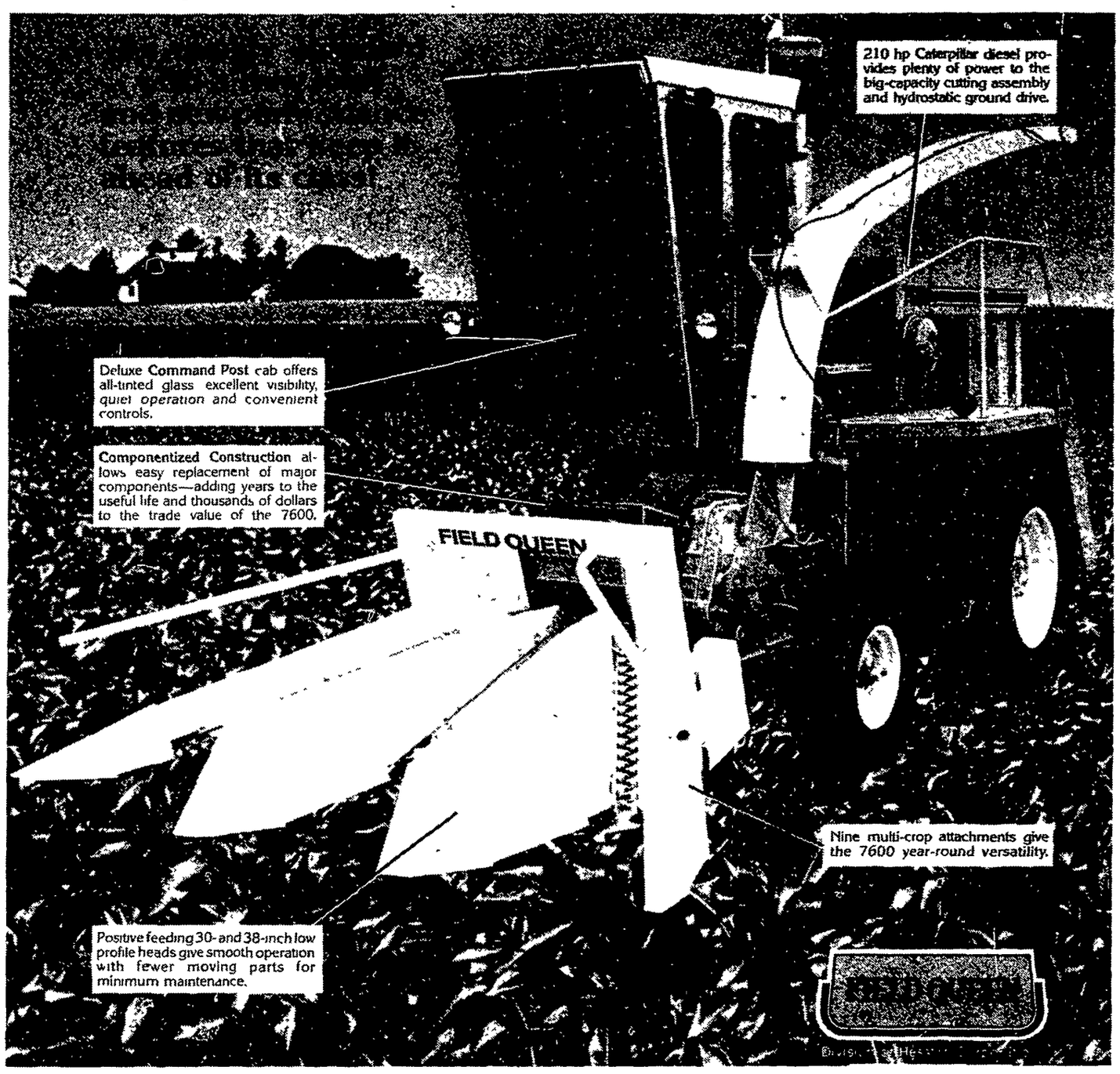
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Nine multi-crop attachments give the 7600 year-round versatility.
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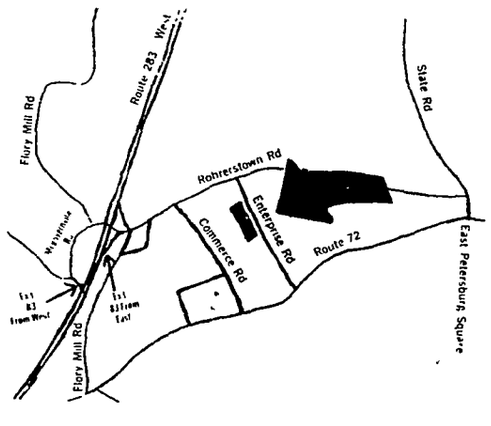

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Nine

father on their 400 acre farm, 210 acres of which are their own.

Robert, age 21, was the second son to earn the Keystone Degree and is now helping his father full time.

Michael, 17, is receiving the degree this year.

The Shueys raise corn, wheat, hay, and alfalfa on their Lebanon County farm as well as milking 60 head of Holsteins. With heifers, they own about 140 head of cattle, and have a pipeline milking operation.

When the boys began with FFA they became interested in working with hogs. As a result, the four men are now in partnership of a 250 head farrow to finish operation.

The Shueys also have two daughters - Barbara, 14, and Debra, 8.

The Rev. and Mrs. Ellis Kreider

The Rev. and Mrs. Ellis Kreider, Quarryville R1, have also had three sons awarded the title of Keystone Farmer.

Carl D. was their first son to be given the award in 1971. He is now in partnership with his father.

Wayne E. was their second son to win the title in 1973. Wayne has since gone on to study to become a veterinarian at the School of Veterinary Science at the University of Pennsylvania in Philadelphia.

And, this year, Bruce became the third son to win the award. For further information on the 1977 Keystone Farmer refer to the Keystone Farmer section of this week's Lancaster Farming Newspaper where a separate article is located.

Penn Manor's honorary award winners gathered at the school for a picture. They are: (left to right) Michael Burton, agriculture teacher, Honorary Keystone Degree winner; Mrs. Jay Landis, Honorary Parent; Jay Landis, Honorary Parent; Mrs. Howard Long, Honorary Parent; Howard Long, Honorary Parent; Mrs. Clyde E. Hunt and Clyde E. Hunt, Honorary Parents.

Mr. and Mrs. Howard Gross

Mr. and Mrs. Howard Gross, Myerstown R3, have also been named honorary parents. They have three sons who have received the Keystone Degree.

Duane was the first son to earn the award in 1966 followed by Daryl in 1972, and this year, Larry, will receive the degree.

Mr. and Mrs. Victor Bomgardner

Mr. and Mrs. Victor Bomgardner, Annville R3, have also had three sons to earn the Keystone Farmer Degree. A separate article on this family can be found in this week's Lancaster Farming.

Mr. and Mrs. Jay Landis

Mr. and Mrs. Jay Landis, Lancaster R6, will see their third son receive his Keystone Farmer Degree this coming Wednesday in Harrisburg.

Their first son to receive the award was William, a 1971 Penn Manor graduate. He went on to become a health and physical education teacher and assistant wrestling coach at McCaskey High School.

Gregory, who graduated in 1973, was the second son to receive the award. He then went on to become an American Farmer in 1975, and prior to that, in 1974, was state vice president.

(Continued from Page 102)

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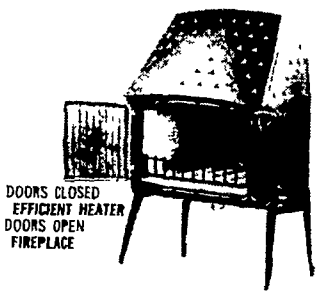

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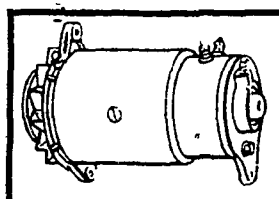

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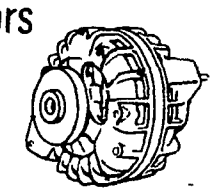
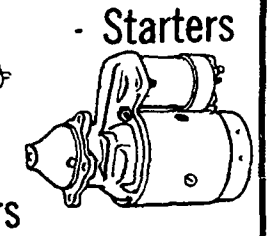
- Starters
- Alternators





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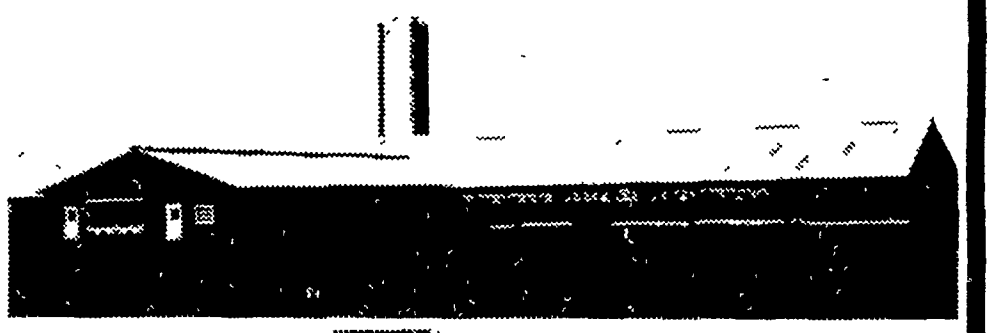

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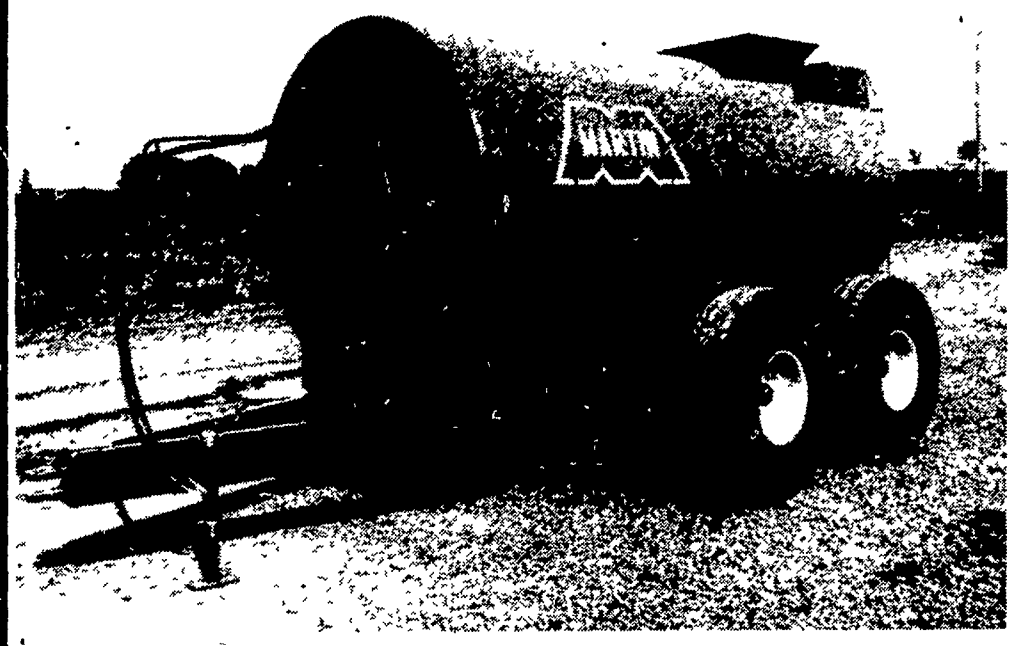


MODEL 2250 GAL.

The following features are standard equipment on Martin's 1500 gal. - 2250 gal. - 3300 gal. - Tank Spreaders.

- Heavy duty internal chopper type auger.
- Includes Hydraulic cylinder and all hoses.
- Includes PTO shaft, jack and ladder.
- Spreaders built and designed to handle manure from free stall barn without adding any liquid.
- Rear fan built to handle spread of 45 to 60 feet liquid or thick manure.

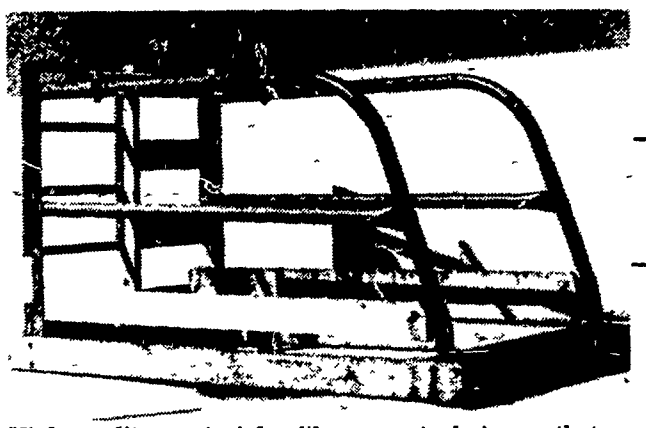
Optional Equipment Available

- Custom Built Open Top Spreaders designed for scrape-off ramps or loading in with loader tractor.
- Braking system
  Also - truck mount spreader 2250 - 3300

3 PT. HITCH LAGOON PUMP

The following Features are Standard Equipment on Martin's Lagoon Pump

3 pt. Hitch Hookup, 20 ft. length, optional lengths available
PTO shaft, 540 RPM, shear pin protected
Impeller - 24" Diameter
6" Discharge and Filler Pipe
Directional Valve-Specially designed to seal under pressure
Pump Includes all mounting Hardware and Hydraulic Cylinder
Heavy Duty 4" tubular Construction
Split Babbit Bearing Installed on outside Tube to assure easy maintenance.



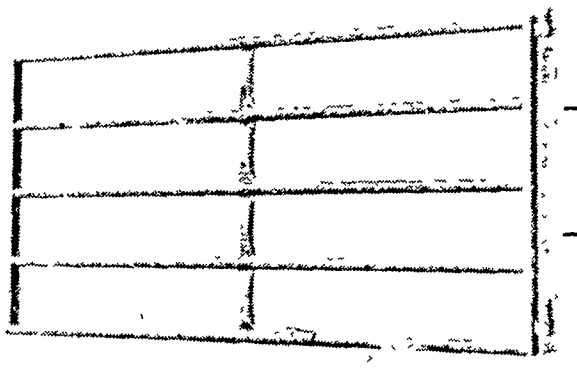
LASTING QUALITY FREE STALLS

High quality material with many techniques that mean greater strength and durability, makes Martin Free Stalls the choice among dairymen, everywhere.

Constructed of High Carbon, Rust Resistant, 2⅜-inch O.D. heavy, steel tubing—each stall is securely welded to rear end channels and the side support. Green, rust preventing paint.

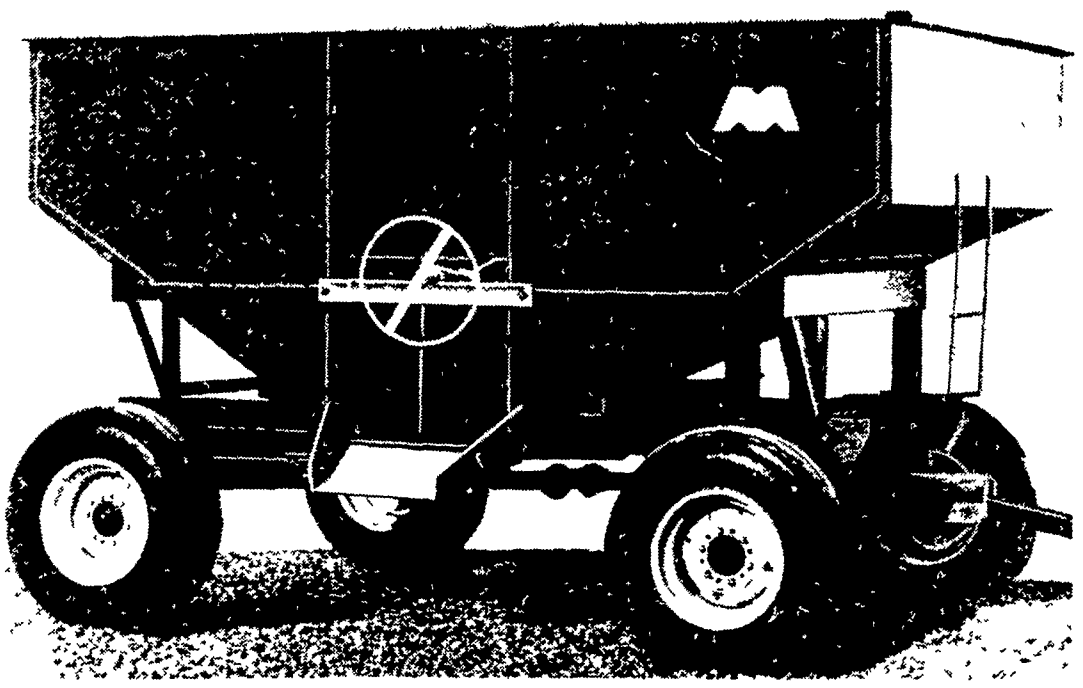
The standard Martin Free Stall is seven feet in length and 48" in height. Other customarily used sizes are 6'6" and 7'6".
Rust sleeve standard equipment.

Also Available:
Free standing stalls
3 models tie stalls
1 ⅝" tube hot dipped galvanized



TUBULAR STEEL CATTLE GATES

This excellent five-bar gate measures 48-inches in height, and is available in stocked lengths from 8 to 16 feet—in increments of 6 inches or one foot. Painted with zinc chromate based green paint to harmonize with fencing. Constructed of 14-gauge, High Strength 2-inch tubing securely welded to the end channels and vertical braces. Complete with latch bar for use with Martin Gate Latch and hardware that matches the optional hinge plate.



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Franklin Countian is Master Farmer

HARRISBURG, Pa. - A Franklin County poultryman, who admits he doesn't like selling but nevertheless markets over 15,000 dozens of eggs each week, has been named a Master Farmer for 1976.

Glenn M. Gayman, 53, of Chambersburg R9, general manager of Hillside Poultry Farm, will receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University.

Formal award presentations will be made January 11 at a Master Farmer luncheon in Harrisburg. Gayman will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners. The program was established in 1927.

Three years ago Gayman had to make a very important decision. Should he process his won eggs for direct marketing or place emphasis on production and nest-run sales?

Hen numbers had climbed over the years to 50,000. Most of the eggs had been marketed wholesale on a nest-run basis. Meanwhile, the Master Farmer's two sons had joined the operation in a three-way partnership. So there were three families to support on the farm's income.

"The decision wasn't an easy one," Gayman notes. "None of us really like the job of selling. But with the family staying on the farm and considering our location, we felt on-farm processing and a retail store was a 'must' for us."

Hillside Poultry Farm is located about a mile from Chambersburg and judging from the number of houses surrounding the farm, they could be caught in urban sprawl within a few years.

In July 1973, the Gaymans found themselves in an on-farm processing and retail store business with a new, attractive 50 by 80-foot metal building. The front serves as a retail store and eggs are processed in the back and held in a large cooler.

Glenn Gayman has mastered the poultry trade.

"The move to farm processing and cartoning wasn't all that different," Gayman indicates. "The machinery handles about 20 cases of eggs per hour. In about five hours the day's production is graded and cartoned with three persons on the assembly line."

Some 80 per cent of their eggs are sold through Plain and Fancy Egg Ranch in Lancaster County. Another 10 per cent are sold through the farm store and the remaining 10 per cent goes to nearby stores and restaurants. The store outlet, naturally, is a boon to cracked egg sales. "We used to average maybe five cents a dozen for cracks. Now we have to limit sales to three or four dozens per customer," the Master Farmer said.

The Gaymans realized right from the start that egg sales wouldn't justify opening a store on the farm. When the doors opened they offered a wide variety of convenience-type items. But the mainstay, other than eggs, has been luncheon meats, frozen chicken, milk, a variety of baked goods, and more recently, ice cream cones and home-grown beef.

"Egg sales represents about half of the store's dollar volume business," Gayman indicates. "We also sell about 100 broilers and roasters a week. We had no problems getting customers, however, we advertise locally on radio and in newspapers. But the best advertising is a satisfied customer."

Glenn, who is general manager, oversees direct management of the store and makes periodic pickups of store items. His oldest son, Ronald, is bookkeeper as well as production and processing manger. The other son, Clifford, is crops manager and maintenance man for the enterprise.

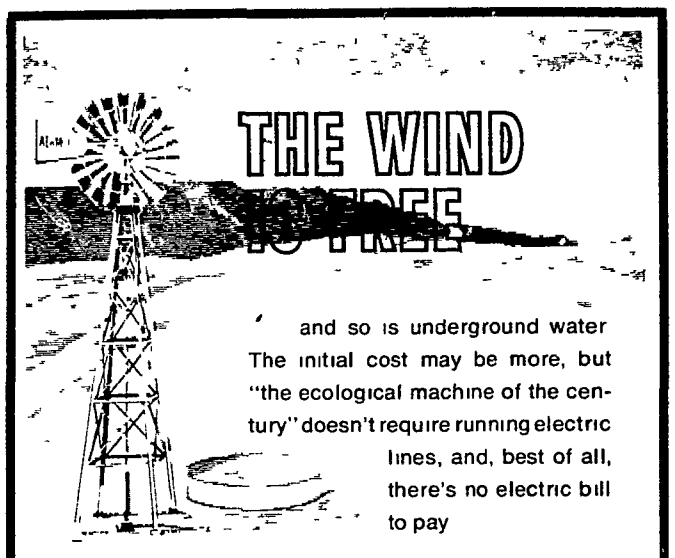
Each has a one-third interest in the farm operation under an articles of partnership agreement. The agreement includes provisions in case of disability, long-term illness, or death of a partner.

The Master Farmer's father purchased the original 25-acre home farm in 1923. And chickens were an integral part of the farm operation at the beginning. He worked with his father in partnership after he married Viola in 1945. In 1956 he bought the farm outright.

The first "big-time" laying house was built in 1959. Another went up in 1963. But by 1968 the trend to cages was evident so he constructed the first 20,000-bird building. And, in 1970 with the purchase of an adjoining 130-acre farm, a second cage house for 20,000 birds was put up.

Current hen capacity is

(Continued on Page 108)



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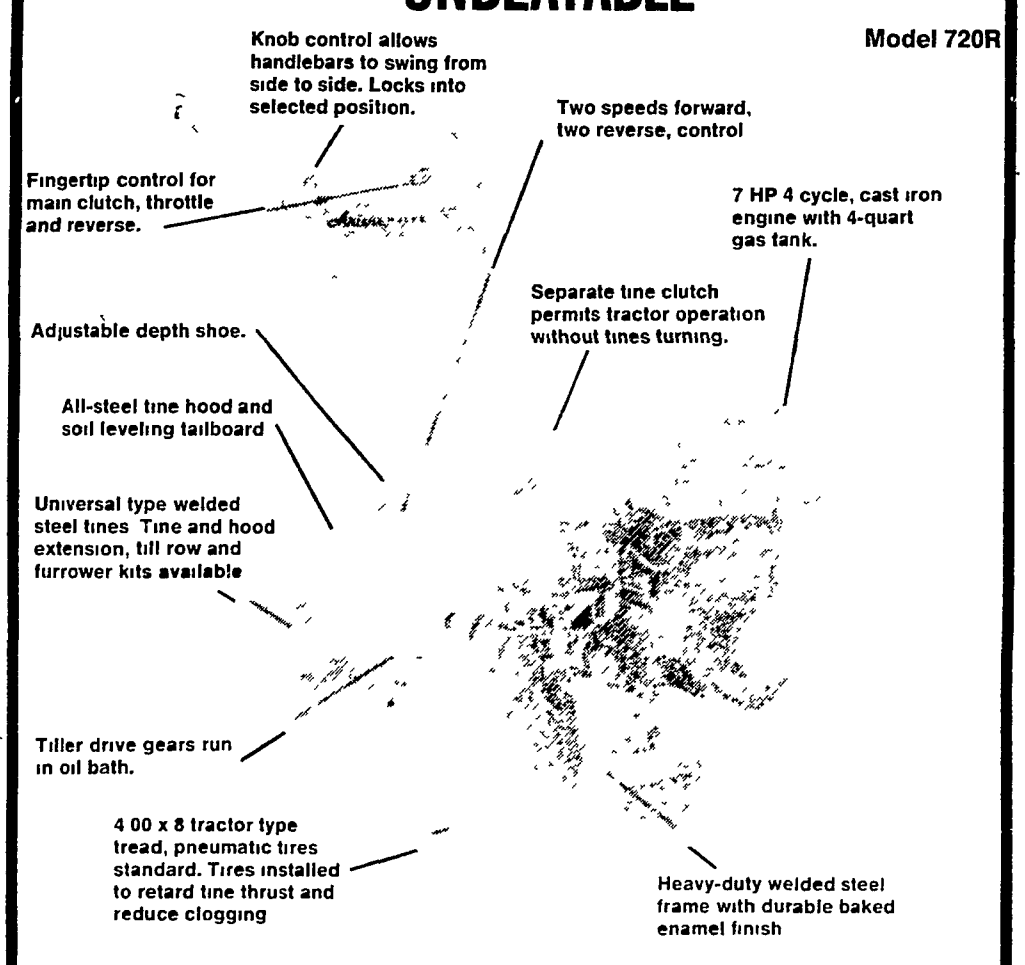
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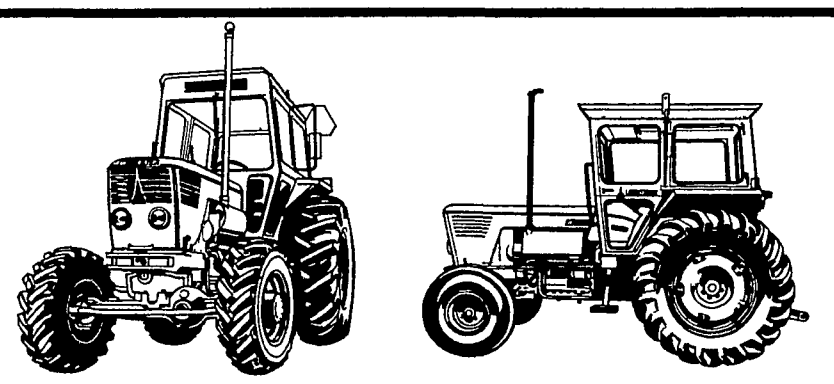

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10'	9.16	6.85	5.11
11'	—	7.53	—
12'	10.98	8.21	6.14
14'	12.82	9.57	—
16'	14.65	—	—
18'	16.48	—	—
20'	18.31	—	—
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12' FIBERGLASS GREEN	49⅜" 15.30	33½" 10.38	—

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Pattern No. 116

1x10	27½ Lin. Ft.	315.00

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	10'	12'	14'	16'	20'
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1⅛"x6" R.L.	23½ Lin. Ft.

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	PENTA
7'-3½" TOP	1.91
8'-6" TOP	5.10

BARN SASH 1⅛" White Pine

9"x12" 4 LITE	10"x12" 4 LITE	8"x10" 6 LITE	9"x12" 6 LITE
$ 6.29	$ 6.59	$ 7.09	$ 8.15

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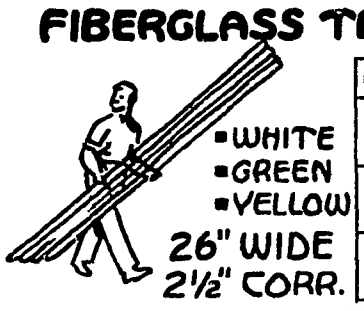

- WHITE
- GREEN
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26" WIDE 2½" CORR.

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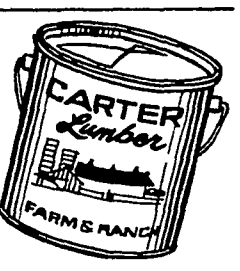

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Gail McPherson to speak in Neb.

GATCHELLVILLE, Pa. - Gail McPherson, first lady in the peach industry, will be addressing the Nebraska Ag Progress Conference Luncheon next Tuesday in Lincoln, Neb.

The York County farm wife has compiled a slide show of Pennsylvania agriculture and will be presenting the program to Nebraska farm families. Married to National Peach Council president Paul McPherson, she has spoken out on behalf of agriculture at numerous York County functions and will be presenting her show to a non-Pennsylvania audience for the second time.

TRY A CLASSIFIED

THE GOOD WORD *from the Bible*

The end of the exile in Egypt, just as the flight from Bethlehem, came with the appearance of God's messenger to Joseph

Even though he obeyed without question or hesitation, Joseph was much afraid His concern, most likely, was for the mother and child, rather than for himself Whatever his feelings, Joseph went forth with Mary and Jesus, taking residence in the city called Nazareth This was in fulfillment of the prophesy, "He shall be called a Nazarene"

It is easy to understand Joseph's concern Word must have reached him in Egypt of the slaughter of the children in Jerusalem after he had fled with Mary and Joseph to the safety of Egypt Herod was dead, but his son ruled Would Archelaus still want the life of the child born in Bethlehem?

Joseph's faith was such that he put his doubts aside He led the family to Nazareth, from whence the Nazarene one day would go forth unto his father's work

Attend the Church of your choice this Sunday.

Nine cows

(Continued from Page 96)

and that was traced to the vacuum line.

Kinsman may make his profits from his cows but he carefully plans his cropping program. He grows 100 acres of alfalfa and timothy, mostly Narragansett and Iriquois alfalfas mixed with Climax, timothy.

Stands last about five years, helped along by heavy liming and fertilizer. Soils prove to be a handicap because much of the land is poorly drained and too stoney for frequent cultivation.

The Master Farmer harvested haylage for the first time on a large scale last Summer. Corn acreage totals 125 with 50 acres for silage and 75 picked and ground to 28 to 30 per cent moisture for their 16 by 50-foot concrete stave silo.

His only cash crop is cows. All are registered. He annually sells 15 to 20 for dairy purposes. He fills in replacements with first calf heifers. They make up 30 per cent of the herd every year.

His strong dairy learnings show up in two organizations he has joined, Eastern Milk Producers Cooperative where he is a voting delegate; and the Northeast Breeders Association where he served as a local director since 1968 and either president or vice president for five years.

Kinsman also has been president of the Bradford-Sullivan Farmers' Association for three years; overseer of the Troy Grange; president of the Troy Young Farmers'; president of the East Troy PTA; and trustee of the East Troy Baptist Church.

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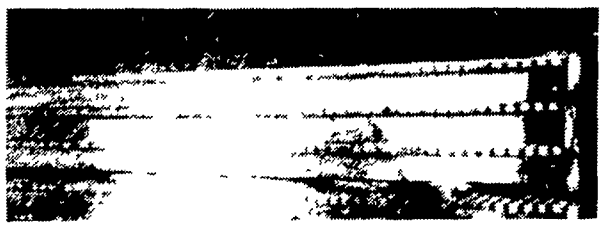

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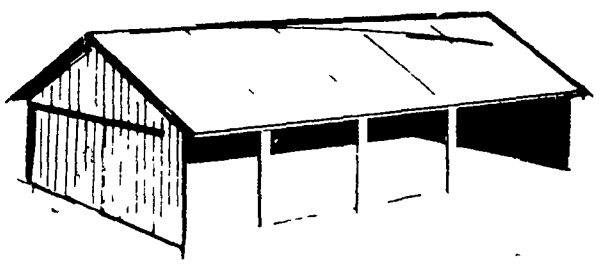

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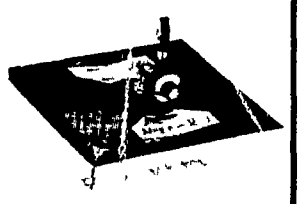

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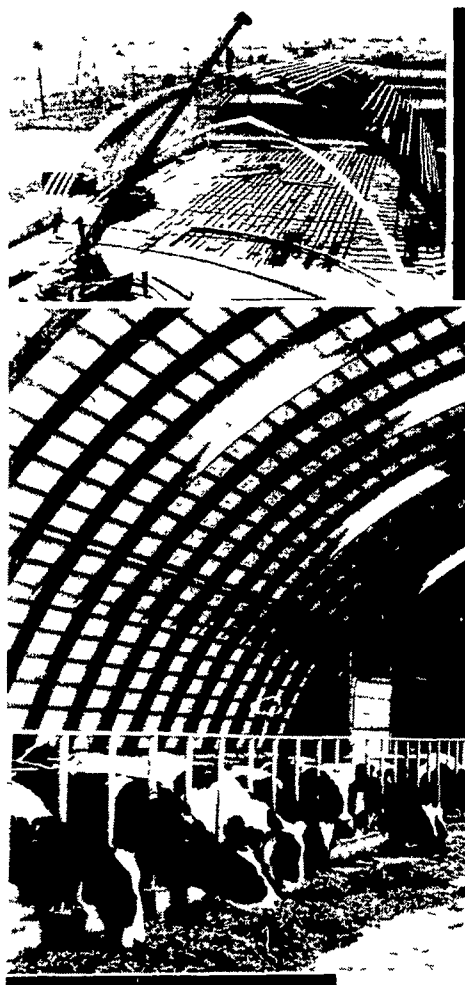

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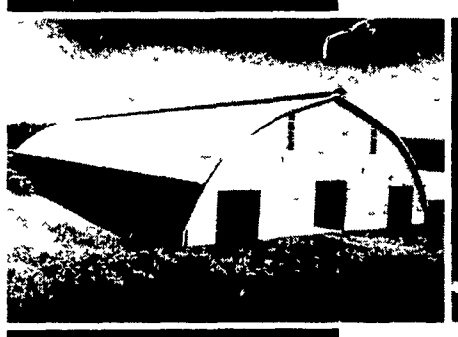

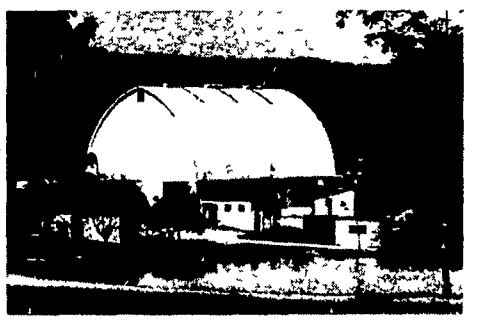

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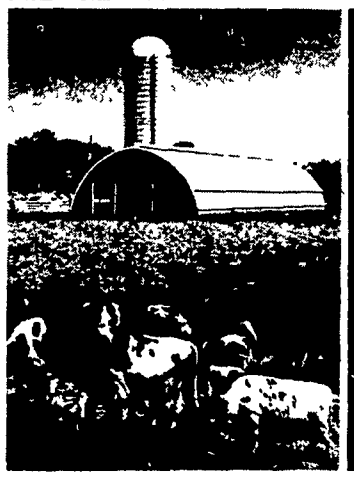

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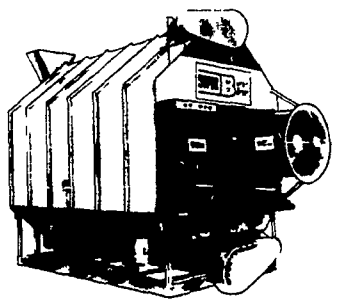

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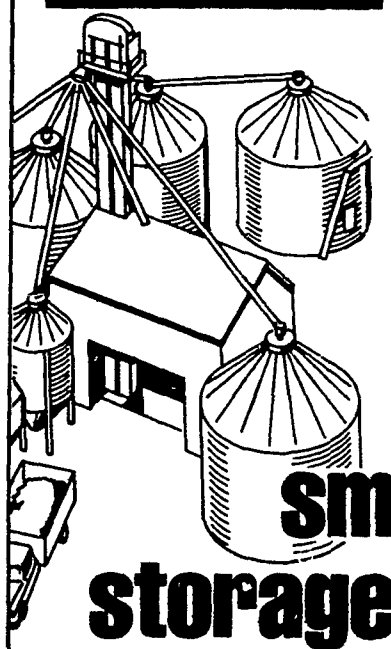

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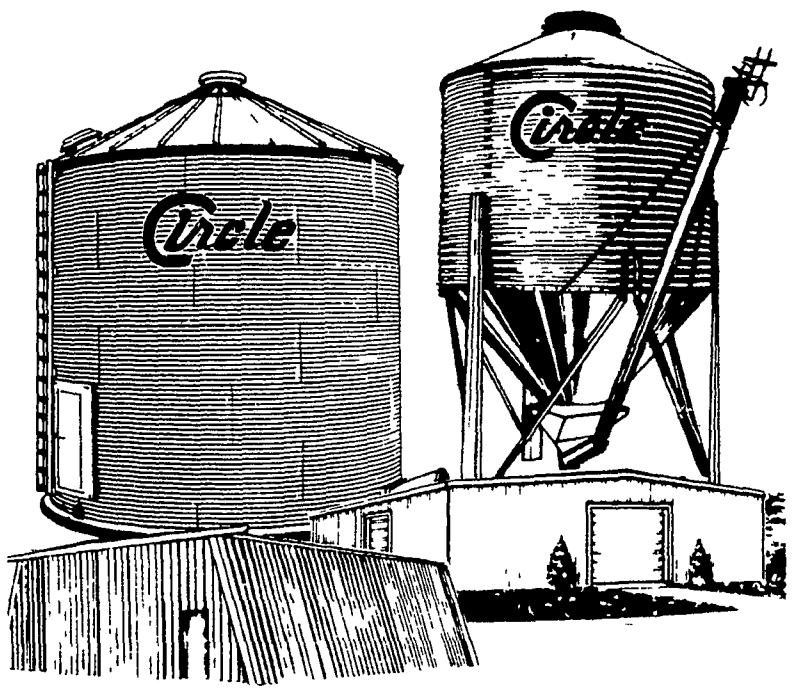

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Nothing left to chance at Erdenheim

By DIETER KRIEG

LAFAYETTE HILL, Pa. - In sheep showing circles, one of the better known names in the Northeast is Erdenheim. Sheep with that registry name have swept shows from Indiana to Kentucky to Massachusetts.

Almon Huff pampers the sheep at Erdenheim Farm, Lafayette Hill, Pa.

Located just outside of Philadelphia, Erdenheim Farm consists of 500 acres, Angus cattle, race horses, and approximately 185 sheep.

Shepherd at the estate is Almon Huff, a kind faced grandfatherly man who takes his job seriously. He succeeded his son Carlton to that position, after the younger Huff was named farm manager.

Sheep are pampered daily here, which possibly explains why they do so well at all of the major shows they attend - such as the state fairs in Kentucky, Ohio, Maryland, and Massachusetts, and expositions such as the Keystone, Eastern National and Northeastern.

The animals are fed very methodically. The amounts and schedules are carefully planned. To lessen chances of stress and disease, they're also given booster shots of vitamins. Hoofs are carefully trimmed to prevent foot rot and improve body structure. Anything which might possibly prevent a problem, or improve development, is taken into consideration. In short, not much is left to chance with sheep at Erdenheim Farms.

Huff works with two breeds of sheep - Cheviots and polled Dorsets - and does well with both. For example, at the Keystone International Livestock Exposition, and four state shows last Fall, Erdenheim was named premier exhibitor each time.

"The judges look for type," Huff smiled, "and each breed has its own standard of perfection and they're striving to meet it. With Cheviots the judge usually looks for quite a lot of meat quality in the loin, hind quarter, and leg. The animal should have a real stylish head - clean and sharp," he explained. "They should have sound feet and legs, and a good mouth filled with the right amount of properly placed teeth. Also important are the correct setting of the legs and strength over the back," the shepherd continued in the manner of a good teacher. The quality of the wool, he added, is not as important today as it was 10 years ago. Judges look more for meat.

A modest individual, Huff is not one to give credit to himself for the success the Erdenheim sheep have had in the show rings of the East, South, and Midwest. But he does admit that management is an important factor. Some of the great lengths he and his son go to in order to assure strong, healthy sheep are: being with the ewe whenever she's ready to lamb, and making sure the young ones receive colostrum immediately. Also, the lambs' navels are dipped in iodine immediately after birth and those with nursing problems are offered a commercial formula commonly given to human babies. Shots are administered for a variety of potential disorders, and even overeating is taken care of with preventive medicine.

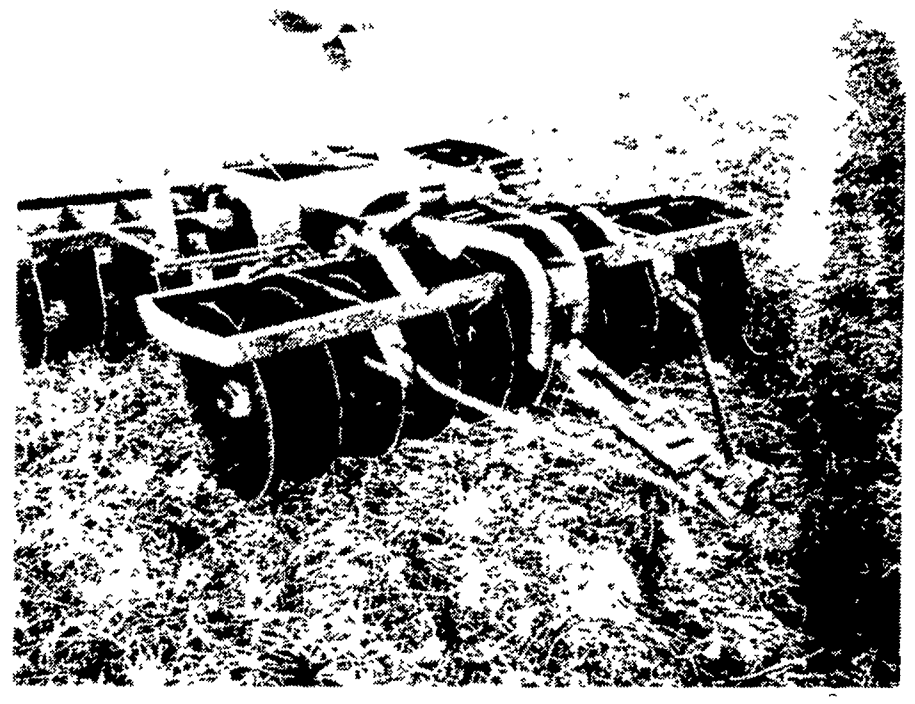
Another factor in the success formula at Erdenheim is good breeding. For the most part, the estate depends mostly on its own stock. They have nine rams and about 185 breeding age females, which gives them a good selection.

Huff picked up a bucket of feed and offered it to a pen of lambs. In doing so, his manner and the gleam in his eye gave away another factor in the success formula.

He likes what he's doing.

case

CUSTOM BUILT DISK HARROW



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Franklin

[Continued from Page 104]

50,000. That is with the two cage houses and one 10,000-bird unit slat and litter floor house. They plan to remodel this unit into cages increasing capacity to 68,000. A new egg processing system will handle 40 cases per hour.

The Gaymans use older buildings to grow broilers and roasters. And more recently a few steers are being fed out. They, too, are sold as dressed beef through the store.

The road to success always has some curves. In 1970, for example, the farm was reported for having a serious manure odor problem in two cage houses. "Several times I was up all night quickly plowing down manure that had been spread the previous day," Gayman recalls.

He worked with Penn State specialists on the problem and they came up with a system to dry manure to eliminate odors under the cates. This system, which utilizes a series of stirring devices and fans, is still in use.

The Master Farmer's interest in the egg industry is evident in his outside activities. He has served as chairman of the Franklin County poultry committee of the Pennsylvania Farmers' Association and is a member of both the Northeast Poultry Producers Council and Pennsylvania Poultry Federation.

He also is a member of the advisory committee of the Pennsylvania Agricultural Cooperative Marketing Association, the Cumberland Valley Cooperative, chairman of thelocal Agway committee and member of the regional Agway Council.

Both Mr. and Mrs. Gayman are active members of the Chambersburg Brethren in Christ Church. He served as Sunday School superintendent for 12 years and currently is a deacon and teacher. He also is chairman of the board of directors of the Gospel Tide Broadcasting Association. He and Mrs. Gayman have traveled extensively in their church work and church conferences

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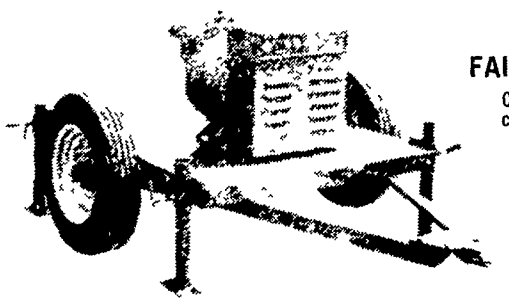

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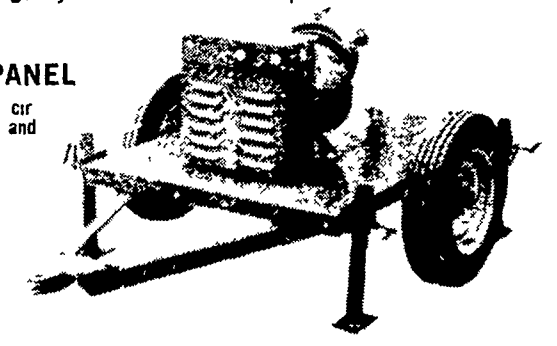

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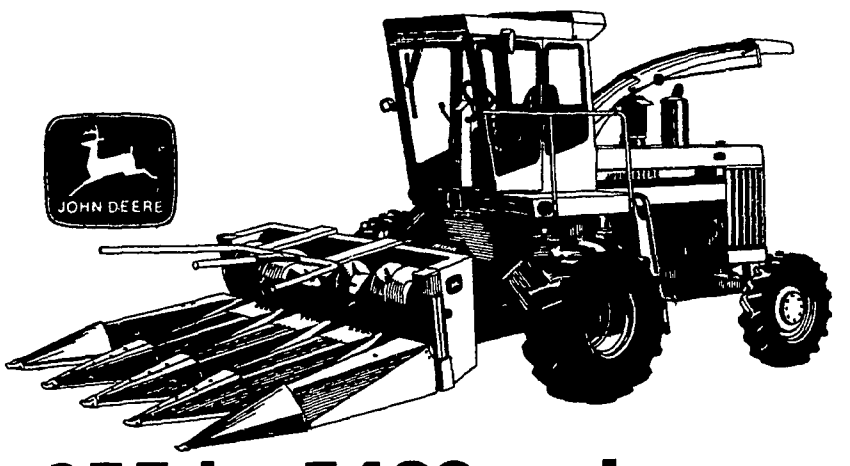

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Vernon Leininger is Master Farmer

UNIVERSITY PARK, Pa. - A Lancaster County poultry-livestock producer, who in just 10 years built a modest general family farm into a modern "egg and meat factory," has been named a Master Farmer for 1976.

Vernon J. Leininger of Denver R2 owner of Ko-Ka-Le-Ko Egg Ranch, has been named to receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University.

Formal award presentations will be made January 11 at a Master Farmer luncheon in Harrisburg. Leininger will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners. The program was established in 1927.

The growth of the Leininger operation since 1966 has been nothing short of spectacular. There are 90,000 laying hens, an on-farm egg processing plant, a new building for growing 30,000 pullets, a feedlot holding 500 steers and a confinement setup for 600 hogs.

"I guess the operation grew as the family grew," the new Master Farmer points out. "There are three boys. David, 25, Philip, 23; and Michael, 22; all working on the farm. A daughter, Rose Ann, is attending college in New York."

Then, too, perhaps the hardest working of all, there's Leininger's wife, Allegra.

"We believe in the family farm concept and we've always worked hard to keep the entire family interested in the farm operation," he said. David is in charge of egg processing; Michael oversees the feedlot as well as crop operations; and Philip runs the poultry feeding part of the business along with cropping. Mrs. Leininger helps out in the processing plant while Vernon is overall head of the enterprise.

Keeping the entire family interested in farming was primarily the reason dairy was phased out in 1970. They decided they would rather work with chickens than cows. The first move into commercial egg production on a large scale came in 1967 with a 15,000-bird cage house. The next year a second 15,000-bird unit was completed and in 1970 a third house for 30,000 hens was added.

"We have never regretted the move to processing our own eggs," Leininger said. "We did have to hire some outside labor for the plant. But we're also able to use family help including the boys' wives."

The Master Farmer credits Paul Hess, Sr., of Plain and Fancy Egg Ranch, for bringing a lot of customers his way. He estimates that 80 percent of their present egg customers, however, have come to the farm seeking eggs. This includes various wholesale and retail accounts ranging from small grocery stores to restaurants and catering services.

A farm store in the processing plant has developed a brisk walk-in trade for eggs as well as an outlet for locker beef.

Lancaster County Master Farmer Vernon J. Leininger checks records of his highly successful poultry operation.

The big increase in laying hen numbers meant a practical "market" for the mountain of manure produced each year. And that market, Leininger felt, was a big increase in corn acreage which could utilize the manure as fertilizer. They now have some 400 acres of corn.

What to do with the corn? A logical market for the grain would be steers and hogs. Again this venture has proven a great utilization of family labor. And it has diversified the farm operation so they're not "putting their eggs in one basket."

About 500 steers are fed each year. They are brought in at about 550 pounds, put on a ration of high moisture ground ear corn and corn silage as well as haylage, and finished off as low choice grade.

Much of the beef, incidentally, is sold directly to local customers at the farm as locker beef cut, wrapped and frozen. A large sign at the end of the farm lane reads: "Select Your Own Beef On The Farm."

The latest expansion move at Ko-Ka-Le-Ko Egg Ranch this past summer was to grow out the farm's own replacement pullets. "The move was strictly economics," Leininger says, referring not only to a savings over purchasing their pullets but that "the new pullet house has added equity to the business as well."

The labor required to tend to those 30,000 pullets, he points out, is only about two hours per day. Chickens are brooded with gas space heaters those first critical weeks. Birds are moved to laying cages at 18 to 19 weeks.

Leininger was born and raised on a 91-acre farm they now call home base. He graduated from Denver High School in 1943 and then enrolled at Penn State where he received an associate degree in animal husbandry two years later. Then came a three-year stint as assistant manager at Millarden Farms. In 1948 he returned home and entered a partnership with his father.

Naturally, besides the

(Continued on Page 111)

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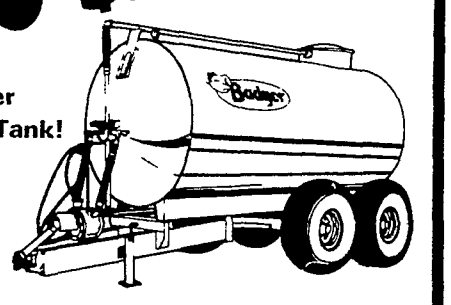

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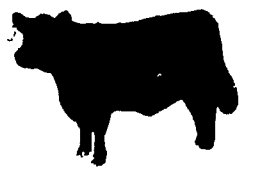

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Leininger

[Continued from Page 110]

dramatic expansion in hen numbers, there has been a big increase in crop acreage. The purchase of additional farms has swelled total land holdings owned to 555 acres. Another 168 acres are rented.

Leininger's activities do not end at the farm. He takes an active role in both farm, community, church and youth organizations. He has been an active 4-H'er all his life and in 1975 earned the Pennsylvania 4-H Alumni Recognition Award.

He also has been a member and president of the Pennsylvania Poultry Federation and Lancaster County Poultry Association. He is a member of the Pennsylvania Farmers' Association and the Ephrata Young Farmers. He earned the latter's Outstanding Poultryman Award in 1975.

Both Mr. and Mrs. Leininger are active members of the Mohler Church of the Brehtren where he has served as a youth teacher.

Christmas tree harvest doesn't cause shortage

UNIVERSITY PARK, Pa. - Ecology-minded citizens need not be concerned about the vast number of Christmas trees harvested each year, says John Sullivan, community resource development assistant, at the Schuylkill County Cooperative Extension Service.

About 35 million trees were cut for Christmas this year and practically all of them were grown specifically for this purpose. Christmas tree farms and plantations are located in almost every state and Canada, according to Sullivan.

Most of Pennsylvania's three million families have Christmas trees.

To replace this year's harvest, Christmas tree growers will plant more than 75 million trees next spring. The rule of thumb is to plant two or three trees for every tree cut. The less desirable trees are removed later to give the better ones room to grow faster and better, explains Sullivan.

Christmas tree production is consistent with good soil and water conservation practices, he adds. Most trees are planted on soil that is unsuitable for other types of crops - thus preventing soil erosion and providing scenic green belts throughout the country.

Natural Christmas trees are also biodegradable and will, in time, return to the soil. Many local groups are utilizing wood chippers to dispose of trees instead of traditional bonfires. If chipped and used as mulch in gardens, they decompose more rapidly.

Which One?

The candidate was speaking at the political rally "Although there are two dozen houses of ill-repute in this town, I have never been to one of them," he said "Which one?" called the dissident from the back of the room

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Nine

(Continued on Page 112)

Currently, he is married and working with his father on the farm.

The Landis' third son, Bruce, was the FFA student to win the first chain calf given at Penn Manor. For more information on the 1977 Keystone Farmer, refer to a separate article written about him which appears in this week's Lancaster Farming.

Mr. and Mrs. Mervin Weiler

Mr. and Mrs. Mervin Weiler, Morgantown R1, will see their third son be awarded the Keystone Farmer Degree on Wednesday of the coming week at Harrisburg.

Their first son to earn the degree was Dale in 1972. He's now doing voluntary service in Costa Rica. The second son was Donald in 1975. He is working for Lantz Construction, Morgantown. Dean is the 1977 Keystone Farmer. A separate article on him appears in this week's Lancaster Farming Newspaper.

The Weilers farm 120 acres with 25 more in pasture. They raise steers and hogs, and tomatoes as a cash crop. Each of their sons has tomatoes and hogs as projects.

The Weilers also have a daughter in the Future Homemakers of America.

The Quarryville area had several FFA award recipients other than Solanco's eight Keystone Farmers. Those receiving awards are: (left to right) Dr. John Taddie, Solanco High School principal, Honorary Keystone Degree; the Rev. and Mrs. Ellis Kreider, Honorary Parent Degree; Randy Ranck, state FFA president; Mr. and Mrs. Lester Ranck, Honorary Officer Parent Award; and Mrs. Doris Zander, Honorary Keystone Farmer Degree.

Mr. and Mrs. Clyde Hunt

Mr. and Mrs. Clyde Hunt, Millersville R1, have been named recipients of the honorary parents award for having three sons who won the Keystone Farmer Degree.

Their sons are Randall, who was named a Keystone Farmer in 1974; Ronald, who received the degree in 1975; and Richard, who will be awarded the degree this Wednesday at Harrisburg.

Randall is now working for Harold Barley, a farmer. Ronald by Royster Fe Richard works Melvin Shertzer, a local dairy farmer. He also helps out at home.

The Hunts also have a fourth son, Ramon, who is a member of the FFA. A freshman Ramon joined the organization this year.

The Hunts live on a 90 acre farm and rent 45 more acres. They raise corn, small grains, and fatten about 125 hogs a year as well as raising about 30 head of steers.

Add Life to Children's Clothes

Some simple and easy clothes-care rules for parent and child can help lengthen the life of clothes and stretch the clothing budget. Mrs. Ruth Ann Wilson, Extension clothing and textiles specialist at Penn State University, offers some suggestions. Never store clothes that are not clean. Teach children to put away their garments properly after each wearing and keep a sharp eye out for small mending jobs. Check labels for washing instructions and follow them. When laundering, separate the lightly soiled items from those that are heavily soiled and light colors from dark.

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Keep Family Communication Open

It's important to let youth know what you stand for and what you stand against. If this is done, James Van Horn, Extension family life specialist at Penn State University, says it will be less likely that youth will face the world without having thought about important issues. They'll be on their way to knowing what they stand for.

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Public Sales Register

SAT. JAN. 8 - 10:30 A.M. Public Auction of Farm Machinery, Truck, Dairy Cattle, Bulk Tank, Milking Equipment. Located 1 mi. West of Hampton, along the Hampton-Asbury Rd., Hampton is located 5 mi. North of Clinton, NH & 5 mi. South of Washington along Rt. 31. Thomas Wright, owner. Sale conducted by Col. John T. Kachmar.

SAT. JAN. 8 - 1977, Public Sale of Farm Equipment by Mrs. Phares W. Hoover located North of Ephrata along RD1 Ephrata, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. JAN. 8 - 10:00 A.M. Public Sale of Farm Equipment & Construction Equipment. Consignments welcome. York Co. Farm & Industrial Equipment Co., Inc., 4 miles North of York, Penna. on Route 181, Emigsville, Pennsylvania 17318

SAT. JAN. 8 - 10:30 A.M. Public Sale of Household Goods & All Kinds of Tools. Located along Rt. 23 at 46 E. Main St., Leola, PA next to Dart Container. Terms by Grace B. King, power of attorney for Joseph N. Sensenig. Robert E. Martin, 656-7770 & Frank L. Steller, 656-8195, Auctioneers.

SAT. JAN. 8 - 1:00 P.M. Sharp. Raymond L. Breckbill Holstein Milking Herd Dispersal. Location: 5 mi. east of Lancaster, Pa. along Rt. 340 in the village of Smoketown, Lanc. Co., Pa at Gordon Fritz Quality Holstein Sale Barn. Owners - -Raymond & Bertha Breckbill. Diller & Kreider, Auctioneers.

SAT. JAN 8 - 10 A.M Country Store Auction at Intersections of Route 10 & 41, Village of Cochranville, Pa. 8 miles N of Oxford, Pa. Sale by order of Emma E. Gill, exe. of Estate of Leon H. Gill; Whiteside Auction Service, Harry W. Whiteside, Auctioneer.

SAT. JAN. 8 - 10:00 A.M. Public Sale of Farm Equipment & Construction Equipment. Consignments welcome. York Co. Farm & Industrial Equipment Co., Inc., 4 miles North of York, Penna. on Route 181, Emigsville, Pennsylvania 17318

SAT. JAN. 8 - 10:30 A.M. Special Horse Sale at the Danville Livestock Market, located old Rt. 11, Danville, Pa. Owner: Melvin M. Lehman.

JAN. 11, 12, 1977 - Bred gilt sale, Farm Show Building, Harrisburg, Pa. All Breeds, Berkshire, Chester White, Duroc, etc., etc. Harry Bachman, Auctioneer.

TUES. JAN. 11 - 10 A.M. Public Sale of Valuable Farm Equipment and Household Goods located five miles east of Kutztown, turn north off Rt. 222 between Breinigsville and Maxatawny onto Rt. 863 for ½ mile to sale. Upper Macungie Twp., Lehigh Co., Pa. Sale ordered by Irwin W. Mengel; Sale conducted by Ralph W. Zettlemoyer Auction Co.

TUES., JAN. 11, 1977, 1:00 PM - 50 Yorkshire bred gilts. Sale at the small arena at the Farm Show Arena. Sponsored by Pennsylvania Yorkshire Club.

TUES. JAN. 11 - 9:30 A.M. Public Sale of Livestock, full Line of Farm Implements & some Household Goods. Located 1½ miles South of Rt. 23 between New Holland & Leola turn off on South Groffdale Rd., turn left at Musser School Road.

FRI. JAN. 14 - 11 A.M. Fred Lawrence Farm Dispersal. Discontinuing dairy farming John A. & Naomi F. Beiler. Robert E. Martin 656-7770 & Frank L. Steller, 656-8195, Auctioneers.

WED. JAN. 12 - 2:30 P.M. Pennsylvania Duroc Association Pig Sale, to be held at the Harrisburg Farm Show Building, Harrisburg, Pa. Auctioneer - Harry Bachman. For Catalogs write: Secretary - Rick Pfautz, R1 Stevens, Pa.

WED. JAN. 12 - 1 P.M. Pa. Berkshire Breeders Assoc. Bred Gilt Sale at the 61st Penna. Farm Show, Harrisburg, Penna. (Show is Mon. Jan. 10, 12:30 P.M. same place). For Catalog Contact Arlie Cornbower, Rt. 1, Box 41, New Freedom, Pa. 17349

FRI. JAN. 14 - 1 P.M. 41st Swine Sale, Annual Winter Sale at the Farm Brooks End and Par Kay Farms, Beavertown, Pa. 17813. Selling 200 Head, 50 Bred Gilts, 40 Boars and 110 Open Gilts. Reno H. Thomas, Sale Manager, Phone 717-658-5821 for catalogs.

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3-2 261d 20,450 milk
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Johnsholm Skyline Nat Betsy (VG)
7-10 330d 30,330 milk 938 fat
Top for milk in Somerset County
Her Bootmaker & Flower Citation Coronet daughters will sell also.

Johnsholm Bootmaker Dixie (VG)
3-1 270d 23,643 milk 779 fat (Inc.)
2-0 334d 18,252 milk 648 fat
Due at sale time to ELEVATION.
Her yearling R Maple sells also.

Johnsholm Bonus Seven (VG)
3-2 368d 20,942 milk 847 fat
Top selling female at the '76 Somerset Fall Classic. Her daughter & granddaughter sells also.

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23 Cows Selling With 20,000 To Over 30,000 Milk

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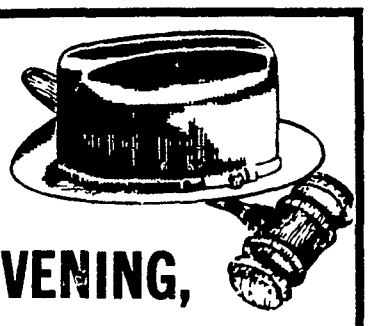

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We are now receiving Goods For our Antique sale on Saturday, February 12, 1977.

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Fulton Grange 66 meets

Fulton Grange 66 met in regular session on December 27 with Master Thomas Galbreath presiding.

It was announced that both national and state Grange cookbooks are available at a cost of $5 and $4 respectively.

Lecturer Edna Groff opened the program with group singing of carols. Ideas were given for goals of the Fulton Grange for the coming year. Suggestions ranged from greater membership participation to beautification of the Grange hall grounds.

Pomona Master Jesse Wood reminded everyone of the Pomona Grange dinner meeting at the Robert Fulton Inn on January 15 at 7 p.m. Reservations should be made by January 10. The program will be an installation of several officers and a memorial service.

The youth committee sponsored Christmas caroling and a party on December 21. Eight homes were visited. Approximately 30 were in attendance.

The next meeting, January 10, will be under the direction of the youth committee.

Courthouse Squares

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Public Sales Register

will sell Livestock and Farm Equipment located 1 mile off Route 706 between New Milford and Montrose, Pa. 4 miles west of New Milford. Exit 67 off I-81 Susq. Co. watch for Beavan Auction Arrows. Sale by Mr. and Mrs. Frederick Lawrence, RD No. 1, Montrose, Pa. James R. Beavan, Auctioneer and Sale Manager.

FRI. JAN. 14, 1:00 P.M. Cohocton, New York. (Steuben County) Mr. and Mrs. Lloyd Conrad Dispersal of Interstate Tested Holstein Cattle, Milking Equipment and Produce. Sale at the farm just off rte. No. 390 or rte. 415 at Cohocton. Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale by James P. Pirrung, Wayland, New York. 716-728-2520.

SAT. JAN. 15 - 12:00 Noon. Public Sale of 37 Acre Farm, Household Goods, Farm Equipment. Steers & Sheep. Located on Rt. 772 in Rothsville take Church St. to 911 Disston View Dr. Terms by Vincent J. & Grace Fauci. Chet Long & Amos Sensenig, Auctioneer

SAT. JAN. 15 - 10 A.M. Public Sale of Farm Equipment located in Lehigh Co. 1 mile north of Pleasant Corners and Rt. 309 in the village of Saegersville, Pa. Sale ordered by Russell & Ruth Metzger; Sale conducted by Ralph W. Zettlemoyer Auction Co.

SAT. JAN. 15 - 9 A.M. Public Sale of Tractors, Implements, Trucks, Sleigh & Cars. Location: On premises of Herbert Texter, on road from Adamstown to Vinemont, turn north at Weaver's Furniture Store and Mike's Diner on 222 Between Adamstown and Gouglersville. Terms by C. L. Butter Zimmerman Auction Service, R6 Sinking Spring, PA Box 290

SAT. JAN. 15 - 1:30 P.M. Public Sale of 400 Feeder Pigs located 3 miles Northeast of Bethel off Rt. 22 behind Trainer's Midway Diner. Terms by Adam Martin; Stone and Kilmer, Auctioneers.

SAT. JAN. 15 - 10:00 A.M. Public Sale of Farm Machinery of James Bean & Son. Located - South of Leonardtown, Md. Turn off of Rt. 5 on to 249 South, approximately 1 mile. Sale on left. Watch for signs. Auctioneer - Blaine N. Rentzel.

SAT. JAN. 15 - 12 Noon Public Sale of Aprox. 37 acre farm and Personal Property located between Lancaster and Lititz, approximately 7 miles north of Lancaster, take Route 772 to Rothsville. Take Church Street to 911 Disston View Drive, Lititz, Lancaster County, Pa. Terms by Vincent J. and Grace Fauci; Chet Long and Amos Sensenig, Auctioneers.

SAT. JAN. 15 - 11:00 A.M. Sharp. Thompson Farm Auction of 124.9 Acre Farm. Located 28 miles South of Lancaster, Pa., 24 miles from West Chester, Pa., 28 miles Northwest of Wilmington, Delaware, between exits 10 & 472 of New Route 1 By-Pass - & joins Oxford Boro, Oxford, Chester County, Pa. One mile from Lancaster County Line on Bell Bank, Pine Street Rd., L.R. 15025. Maud M.D. Thompson, Owner. Whiteside Auction Service.

MON. JAN. 17 - 12 Noon Public Sale of Livestock and Farm Equipment located 2 miles southwest of Mount Joy, Pa. Route 141 to

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TUESDAY, JANUARY 18,
At 7:00 p.m.

SPECIAL CONSIGNMENT SALE

(1) 20 close springing Holstein Cows from Md.
(2) 7 Holstein cows, some bred & Open heifers ALVIN PARDEE, Kennedyville, Md.
(3) 20 Registered Holstein Heifers from 2 mos. to bred heifers. All of the heifers are by AI Sires (Jet Stream, Transmitter, Harrisburg Gay Ideal, King ABC, etc.). The dams of these heifers average close to 20,000 lbs of milk. The heifers are from the highest herd in production in Md. 1976. All-Reed Farm, MILLARD REED, JR., Chestertown, Md.
(4) 15 Registered & Grade Holstein Heifers - some open, some bred; Consigned by CARROLL DAVIS, Earleville, Md.

Plus other consignments . . .

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SAT., JAN. 22, 1977

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8" TILTING ARBOR TABLE SAW
6" CRAFTSMEN JOINTER

Belt Disk Sander; 4 x 48" Turning Lathe; Walker Turner Shaper; Jig Saw; Large Belt Sander; 8 H.P. Briggs & Stratton Engine, like new; 16' x ¾" Shaft, 10' x ¾" Shaft; Pulleys, Bearings, etc.; V-Belts; 6" and 8" Belt Sanders; Miter Box; 3 - 4 - 5 - 6' Pipe Clamps; C-Clamps; Saw Filing Equipment; Hand Saws; Lathe Knives; Hand Planes; Brace and Bits; Hand Drills and Bits; Draw Knife; Rabbet Planes; Hammers and Squares; Chisels; Files; Wrenches and Small Tools; Pipe Fittings; Nails; Screws; Bolts; Miscellaneous Paints; Varnishes; Hand Cleaner and Dispenser; Wood Patterns; Glass; Mirrors; Flexible Shaft Drill; Copper and Other Screen; New Cabinet Hardware; Bee Keeper's Supplies and Equipment.

Kerosene Lantern; Antique Chair; Cobbler's Bench; Picture Frames, Old Books; Crates; Miscellaneous Chair Spindles; Canning Supplies; Small Tin Tobacco Box; Old Bed; New Cedar and Cherry Lumber; Miscellaneous Veneering, Old Side Board; Coal and Wood Stove; 38" Columbian Gas Stove; New Walnut Grandfather Clock: 1917 German Newspapers; other miscellaneous items not mentioned.

SALE AT 11:00 A.M

Terms by
MALINDA K. FISHER
Administrator for the Estate of Stephen K. Fisher

Auctioneers—Leroy Zook
Leon Kurtz

LUNCH AVAILABLE

GAP AUCTION

FRIDAY EVENING, JAN. 14
5:30 P.M.

Located off Route 41 Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.

COMING . . .
ANTIQUE SALE JAN. 21

Inspection Friday from 9:00 a m until sale time.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. TO 7:00 P M.
OTHER DAYS BY APPOINTMENT Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALE

FRED LAWRENCE

FARM DISPERSAL

Discontinuing dairy farming, the following livestock and equipment will sell, without reservation, on:

FRIDAY, JANUARY 14
11 A.M.

Located 1 mile off Route 706 between New Milford and Montrose, Pa. 4 miles west of New Milford. Exit 67 off I-81 Susq. Co. Watch for Beavan Auction arrows.

93 TOP-GRADE HOLSTEINS
10 REG. HOLSTEINS

47 of which are milking age, 16 due in next 90 days, balance selling in all stages of lactation, 16 bred heifers to start freshening in March, 27 B&W senior yearlings and 13 B&W from 3 mos. to junior yearling.

This excellent Susquehanna Co. herd has size and production with exclusive A.B.S. breeding for 8 years. 30 day Brucc. & T.B. tested with state and interstate charts on sale day. Inoculated for shipping fever and all bred animals pregnancy checked. Cattle sell at 12:30 P.M.

JOHN-DEERE 3020 DIESEL TRACTOR (A-1)

John-Deere 3010 diesel (new rubber), J-D model 48 loader, J-D model 35 PTO chopper with pickup and corn heads (used one season), J-D 4 bottom trip beam semi-mount plows, Brillion 14' transport digger, J-D 10' transport disc, J-D model 1240 plateless four row corn planter (like new), Yellow Devil boom sprayer, David Bradley wagon with bale rack, Gehl hi-throw PTO blower, J-D 214 self-unloading forage wagon, Papec self-unloading forage box with Cobey running gear and a heavy duty dump trailer. 14' X 28' of corn silage and 18' X 35' of haylage.

MILKING EQUIPMENT: Sunset 735 gal. bulk tank, Surge-Alamo 75 + pump, two Surge and two Universal milker units, Agway Stay-Rite dumping station plus gestation tabulator, pails, etc.

Make plans to attend for quality dairy cows and heifers plus clean late model equipment. In case of bad storm, sale date Sat. Jan. 15 at 11 A.M.

Terms: Cash or approved checks

Lunch Heated Tent

Owners:
Mr. & Mrs. Frederick Lawrence
RD No. 1, Montrose, Pa.

Auctioneer & Sale Mgr :
James R. Beavan
Hallstead, Pa. 717-879-2508

HUNTER'S ANNUAL

FARM EQUIPMENT SALE

SATURDAY, FEBRUARY 19,
10:00 AM

Call now so we can advertise

Consignments accepted now until day of sale

This is a good sale - last year over 300 registered buyers

Watch for listing of equipment

Hauling available

Call Monday thru Saturday 8:30 AM to 6:30 PM

Phone 301-658-6400

NORMAN E. HUNTER
Auctioneer

PUBLIC SALE

APPROX. 37 ACRE FARM AND PERSONAL PROPERTY

SATURDAY, JANUARY 15, 1977

SALE TIME 12:00 Noon
Real Estate will be sold at 2:00 p.m.

This Farm is located between Lancaster and Lititz. Approximately 7 miles north of Lancaster, take Route 772 to Rothsville. Take Church Street to 911 Disston View Drive, Lititz, Lancaster County, Pa.

This Farm has approximately 2300 ft. of road frontage. 26 acres are tillable and the rest is pasture and woodland.

REAL ESTATE will be offered as one parcel or as two parcels with the road frontage separate from the remainder of the farm.

FRAME DWELLING with aluminum siding; completely insulated and has electric heat. First floor consists of a spacious family room with beautiful fireplace with heatolator, a modern kitchen and bath, and large living room. 4 bedrooms and bath with wall to wall carpet are on the second floor. The house has been completely remodeled and is in very good condition. Excellent well and sewage system.

FRAME GARAGE 20' x 22' - FRAME BARN - LARGE FARM POND

HOUSEHOLD ITEMS: AM - FM Stereo; Hoover Vacuum Cleaner; Folding Chairs; Coffee Table; Glassware; China; Step Stools; Picnic Table; Bicycles.

FARM ITEMS: 1965 FARMALL CUB TRACTOR, 1-pt. Fast Hitch, International Center Mount Rotory Mower, Snow Plow, 1-pt. Fast Hitch Carrier, Disc Harrow, Sickle Bar Mower;

2 Trailers with Racks; 16 Tons Corn;
8' x 12' Wooden Utility Shed; 4 Tons Alfalfa Hay;

50 gallon Drums; Platform Scales; Assorted Lumber;

6 STEERS - 800 lbs. to 1000 lbs.
7 Suffolk Ewe SHEEP
1 Breeder RAM

Inspection of Property - Call
Amos Sensenig - 717-626-4332
or Chet Long - 717-733-9601

Terms by
Vincent J. and Grace Fauci

Chet Long and Amos Sensenig, Auctioneers
John Gibble, Attorney

Lunch will be available

READ LANCASTER FARMING FOR FULL MARKET REPORTS

Public Sales Register

PUBLIC SALE

OF FARM EQUIPMENT

Located one mile West of Honey Brook on Rte. 322

SATURDAY, JANUARY 29, 1977

at 10:00 A M.

Farm Equipment: 706 Int. tractor with cab, 424 Int. with loader, Super M.T.A. with P.S. & 12 Volt system, 8 N. Ford with 2 sets of tires, N.H. hay rake No. 55, 36' N.H. elevator, 2 N.H. forage wagons, 818 N.H. Harvester with pickup attachment, N.H. Haybine No. 461, N.H. Baler Super 77, N.H. Blower Super 23, N.H. 1010 bale stacker, Fox Harvester with 2 row corn head, Fox direct cut grass head, J.D. grain drill, Fert. drill, transplanter mounted on spring tooth rooter, 1 row N.H. corn head, 4 row Int. corn planter, spike harrow, Int. 9' mower with 3 pt. hookup, 3 pt. cultivator, Int. 2 row mounted corn picker, 3 pt. scraper 7' No. 300, Int. 5 bottom plow 14" trip bottom, 12' Brillion cultimulcher, 10' disc harrow, 300 bu. N.I. manure spreader, Int. rotary mower, 2 flat wagons, sprayer, 2 spring tooth harrows, tractor mounted cement mixer, Harvestore parts & unloaders, one Goliath and one reconditioned Hercules, 17' roof, unloader transport, motors, single and 3 phase, feeder parts, air compressor, 28' trailer, cultipacker, garden roto tiller, 200 locust posts, farm gates, dehorners, feed carts, horse watering trough, some tools, 2" x 10' pipe, some antiques, flower pots, milk cans, approx. 90 tons of straw, used Sputnik.

Trucks: 1962 BC 180 Int. stake body, 26,000 lbs.; Int. 2050 A Fleetstar tractor, full screw, 3208 cat engine, wetline, 650 allison auto trans, 44,000 miles, excellent cond.; 1965 Fairlane Ford Sedan.

Also, many other items not mentioned. Lunch available. Not responsible for accidents.

Terms by:

Ben O. and Miriam Stoltzfus

ELTON and ALVIN HORNING, Auctioneers
215-286-5183

CONRAD FARM

DISPERSAL

DAIRY HERD, PRODUCE, MILKING EQUIPMENT

FRIDAY JANUARY 14,

1:00 P.M.

(Blizzard date Tues. Jan. 25)

Cohocton, New York

Sale at the farm on the Cohocton to Loon Lake Road, ½ mile southwest of the Village of Cohocton off rte. 415; ¼ mile west of exit No. 2 of I-390 at Cohocton; 3 miles East of Rte. 21 at Loon Lake. 15 miles north of Bath, N.Y. Watch for pointers!

Retiring from dairy farming, selling without reserve:

DAIRY HERD:

32 Top, Interstate Tested, Eastern Bred Holsteins, all home raised but 2! Vet. checked for pregnancy, inoculated against shipping fever. 21 mature animals, 2 fresh in December; 4 due Jan.; 4 due Feb.; 5 due Mar.; 4 due April; Lots of size, condition and dairy character! Balance bred heifers! Also selling 1 Jersey open heifer, 14 mo. old. A good dairy here to select replacements!

Ready for immediate interstate shipment!

PRODUCE:

1600 bales good mixed hay to be sold in 3 lots; 500 bales straw, sold in 2 lots; 14 ton dry ear corn, on cob, sold in 3 lots; 50 bu. oats; 14 bu. medium clover seed.

MILKING EQUIPMENT:

Girton 300 gal. bulk tank; Perfection 6 unit pump; 3 surge units; 2 s.s. pails w-covers; Tuscarora feed cart; 25 neck chains; Stewart clippers; fogger; 30 gal. hot water heater; 150 ft. hay rope; platform scales; snow fence; plus few misc. items!

This will be a good sale to attend! A retirement sale, everything must go to the high bidder. Hope to see you on Friday the 14th. Sale under heated tent! Lunch available!

Terms: Cash or good check day of sale!

Owned by

Mr. and Mrs. Lloyd W. Conrad,
384-5195.

Auctioneers: Victor Pirrung and Son and Robert Shaylor.

Sale by James Pirrung. Wayland, N.Y. 716-728-2520.

Donegal High School. Turn south one mile along Union School Road. Sale by Aaron G. Fisher; H. (Abe) Shaffner and C. Y. Wolgemuth, Auctioneers.

WED. JAN. 19 - 9:30 A.M. Consignment Sale to be held at David Good's ½ mile north of Route 23 on North Maple Ave., in Leola, Lancaster County, Pa. Watch for signs. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.

FRI. JAN. 21 - 10:00 A.M. Paul Waltermyer Special Spring Sale of Draft Horses, Mules & Some Farm Equipment, to be held at New Holland Sales Stables, New Holland, Pa. New Holland Sales Stables, Sale managers & Auctioneers

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FRI. JAN. 21 - 8 P.M. Nite Cow Sale at the Black & White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer; Henry Kettering, Pedigrees; Park Myers, Sales Manager.

FRI. JAN. 21 - 10:00 AM - Paul S. Waltermyer Draft Horse and mule consignment Sale at the New Holland Sales Stables, New Holland, Pa.

SAT. JAN. 22 - 2:00 P.M. Public Sale of Real Estate. Located along Rt. 23 in Blue Ball. Sale for Lewis & Ella Groff. Nevin Z. Martin, Auctioneer.

SAT. JAN. 22 - 11:00 A.M. A Special Draft Horse and Mule Sale to be held at the Belleville Livestock Market, Belleville, Pa. Mark Glick, Auctioneer.

SAT. JAN. 22- Complete Plumbing Liquidation Auction by former Ezra W. Martin Plumbing, located along RD No. 3, Ephrata, at Hinkletown. John E. and Paul E. Martin Auctioneers

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SAT. JAN. 22, 1977, 1:00PM - Sale of 98 acre farm located approximately two miles north of Route 422 and one mile west of Route 419 in Marion Township, Berks County, Pa. Terms by estate of Anna Brown; Elton and Alvin Horning, Auctioneers.

SAT. JAN. 22 - Public Sale of Wood Working Equipment and a few Household Goods located 1 mile North east of Honey Brook along the Road to Supplee, Chester County, Pa. Terms by Miss Malandia K. Fisher for the Estate of Stephen K. Fisher. Leroy Zook and Leon Kurtz, Auctioneer.

SAT. JAN. 22 - 1 P.M. Public Sale of 98½ acre farm located along Marion Drive, approx. 2 miles north of Rte. 422 and 1 mile west of Rte. 419, RD No. 1, Womelsdorf, Marion Township, Berks County, Pa. Terms by Anna Mauser Livingwood Brown Estate; Elton Horning and Alvin Horning, Auctioneers.

PUBLIC SALE

ALLIS CHALMERS "G" TRACTOR

SAT., JAN. 15, 1977

at 10 A.M.

Located in Lehigh Co. 1 mile north of Pleasant Corners & Rt. 309 in the village of Saegersville, PA.

A.C. "G" tractor w-plow, cult., sickle mower, & blade; 5' disc; 2 sec. harrow; 4 whl. flat bed farm trailer; also selling household goods, antiques, tools, butchering equip.

Terms - Cash or check, day of sale.

Sale ordered by

RUSSELL & RUTH METZGER

Sale conducted by

Ralph W. Zettlemoyer Auction Co.

Tele. - (215) 285-4616

PUBLIC SALE

OF FARM MACHINERY

Along road from Rawlinsville to Mt. Nebo, 1 mi west of Rawlinsville, 14 mi south of Lancaster, adjacent to Martic Twp. Elem. School.

SATURDAY, FEBRUARY 19, 1977

12 Noon

5 TRACTORS

John Deere 4020 diesel power shift w-roll guard and w f, new rubber on rear, John Deere 50 w-801 hitch and 2 row cultivator, J.D. Cyclone A, Ford 8NW, Sauder loader & snow plow & 6 ft. bucket, Farmall Super A w-cultivators. Good rubber on all tractors.

John Deere 345 - 4 bottom auto. reset plow, J.D. - AW 28 disc harrow (new discs), 2 J.D. - KBA disc harrows, J.D. 10 ft. cultipacker, Brillion 16 ft. transport disc harrow w-drag, Dunham 9 ft. cultipacker, Kasten 4 bottom plow rake, J.D. 1240 plateless cornplanter.

New Holland 479 Haybine (2 yrs.)

New Holland 269 baler w-thrower, N.H. 5 bar rake, 4 rack wagons - 3 wide track, 1 J.D. & 2 Case (2-18 ft. long). Farmec 36 bale & corn elevator, Mayrath 12 ft. elevator, J.D. No. 8-7 ft. mower, J.D. 13 disc grain drill, J.D. 12 ft. rotary hoe, J.D. 9 ft. spring harrow, 3 pt. orchard harrow, 3 pt. weeder, New Holland 518 manure spreader w-hyd. endgate (2 yrs.) J.D. No. 15 chuck wagon, J.D. 3 pt. scraper blade, J.D. 15A flail chopper, J.D. No. 68 lawn mower.

35-20 Win-Power Alternator (portable), hyd. dump trailer, cattle trailer, air compressor, air tank, fly fogger, barn fan, 2 sets tractor chains 12-38, 11-24, Stewart model 51 cow clippers, 185 TS. Suzuki cycle, dune buggy, mini bike, go cart.

Auct. Note: Very few small items, please be on time for this well cared for equipment sale.

Terms by

MAHLON H. SHENK
717-284-4873

J. Everett Kreider,
Carl Diller Aucts.

Food by youth of
New Danville &
River Corner Churches

PUBLIC SALE

OF FARM MACHINERY, HOUSEHOLD GOODS, & SOME ANTIQUES

JANUARY 29, 1977

Location: 7 Miles South of Lancaster. Take RT. 324 to New Danville. At New Danville watch for signs to Conestoga. Sale located just North of Conestoga, Conestoga Twp., Lanc. Co. Pa.

Allis Chalmers D-17 Tractor, series 4, 3 point, wide front end with front and rear weights. Overhauled. 82-5 side mounted Mower for D-17; three 16 in. slat bottom Plow, 3 point for D-17; **WD-45 Allis Chalmers Tractor** (new tires); **Farmall C Tractor** with cultivator and tobacco hoer; Allis Chalmers snap coupler two-row corn planter with fertilizer attachment; Manure loader for WD with snow scoop; Allis Chalmers snap coupler side delivery rake; 10 ft. 3 section Chattanooga spring harrow-good; 10 ft. Allis Chalmers transport Disc. -good; 12 ft. Brillion Cultipacker with 4" axle; 850 Bolens lawn tractor with mower and snow blower - good; small two-wheel Bolen cart; Allis Chalmers 13 disc all crop grain drill; 30 ft. New Holland Elevator; New Holland 401 Crimper (hay); New Holland Super 68 Baler; Easy Flow Fertilizer Drill; Hershey Tobacco Planter; Two Rubber Tired Wagons; Allis Chalmers 140 single beater Manure Spreader; 3 Point Sprayer; Single Tobacco Wagons on steel and rubber, one 20 ft. & one 24 ft.; 2 tobacco Presses (Minich); Water Tank; Garden Tractor w-5 hp motor; Cardinal Elevator with gas Motor; Potato Plow; 3 Point Marker; Rubber-tired Wheel Barrows; Wooden Wheel Barrow; Electric posts; 100 2" x 2" Wooden Posts.

1,000 Bales of Straw

Some 1st & 2nd Cutting Alfalfa Hay

18 Good Milk Cans; Other Milk Cans; Dairy Vac; Feed Cart; Sunbeam cow Clippers; Electric Fencers (Bulldozer -3); Tractor Chains for WD; Electric Pump; Air Compressor; 13,000 Tobacco Lath; Tobacco Spears; 28 ft. extension Ladder (aluminum); Liquid protein Tank; 10 ft. Iron Trough; Tap and Die Set; ½" Electric Drill; Mineral Feeder; Platform Scales; Heavy Extension Cords; Black & Decker Electric Hedge Trimmer; Hand Grass seeder; Tractor Electric Grass Seeder; Sodering Iron Set., etc.

Household Items & Antiques:

Oval Glass China Closet; Iron Banks; Mechanical Bank; Pot Bellied Stove; Some Ironstone & RS Prussia China; Glassware & China; Canning Jars (green and regular); 3 Piece Living Room Suite; Bedroom Suite; Knee-Hole Desk; 2 End Tables; Coffee Table; Rocking Chair; 36" Gas stove; Bookcase; Window fan; Porch Swing; Bathroom Cabinet; Old Medicine Cabinet; 1 Flat Trunk; High-Back Bed; Double Bed; Electric Mixer; 12'x10½' Gold Rug; 9'x12' Oriental Rug; 9'x21' Figured Rug; 9½'x12' Green Tweed Rug; 9'x12' Blue Rug; 62"x97" Green Rug; 9'x12' flowered Rug; 6'x11½' Light Green Rug.

10:30 a.m. small items, approx. 12:00 Household Items, Machinery at 1:15 p.m.

Sale by,

J. David Shank
Conestoga, Pa.

Aucts.: Carl Diller 464-2233
J. Everett Kreider 786-1545

LUNCH AVAILABLE

Public Sales Register

MON. JAN. 24- Complete Plumbing Liquidation Auction by former Ezra W. Martin Plumbing, located along RD No. 3, Ephrata, at Hinkletown. John E. and Paul E. Martin, Auctioneers.

FRI., JAN. 28, 1977, 9:00 AM - Public sale of livestock - complete line of horse-drawn farm equipment and some household goods. 5 miles SE of Honey Brook and 5 miles NE of Kings Highway School, Route 340. Turn east off Route 322 on Birdell Road. Watch for sale signs. Terms: Levi A. Stoltzfus, Frank L. Stellar (656-8195) and Robert E. Martin (656-7770) Auctioneers.

SAT. JAN. 29 - south of New Danville along road to Conestoga, Full line of good farm equipment including some household articles. Owner, J. David Shank. Carl Diller and Everett Kreider, auctioneers.

SAT. JAN. 29, 1977 - Public Sale of Farm Equipment by Earl D. Hurst located between Ephrata and Lancaster, Penna. John E. and Paul E. Martin, Auctioneers

SAT. JAN. 29 - 12:00 NOON. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

SAT. JAN. 29 - 10 A.M. Public Sale of Farm Equipment located one mile west of Honey Brook on Rt. 322. Terms by: Ben O. and Miriam Stoltzfus. Elton and Alvin Horning, Auctioneers.

SAT. JAN. 29 - 10:00 A.M. Public Sale of Real Estate, 60 acres more or less on west side of road, large barn and other buildings, Livestock, Machinery and other Personal Property. Located on Laudermilch Road, Rt. 743. Sale for Morris Ellenberger. Gerberich and Long, Auctioneers.

SAT. JAN. 29 - 10:00 A.M. Public Sale of Farm Machinery, Livestock, Grain and Personal Property. Located on Rt. 743 Luadermilch Road, 4 miles North of Hershey, 3 miles south of new Rt. 22. Conditions by Morris Ellenberger, owner. Gerberich and Long, Auctioneers.

MON. JAN. 31, 1977, 2:00 PM. 290 acres, 5 miles Northeast of Lanesboro, Minn. on Highway 250. Sale by Claus and Janet Johnson. Sale conducted by Midwest Auction Company, Grand Meadow, Minnesota, 507-754-5121.

February

WED. FEB. 2 - 9:30 A.M. Consignment Sale to be held at David Good's ½ mile north of Route 23 on North Maple Ave., in Leola, Lancaster County, Pa. Watch for signs. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.

SAT., FEB. 5, 1:00 PM - Bred Yorkshire gilts, open gilts and boars. Sale held at the Lebanon Fairgrounds. Sponsored by the Pennsylvania Yorkshire Club.

SAT. FEB. 5 - 10:30 A.M. Public Sale of Farm Equipment, Harvestore Si10, straw and '47 Dodge located approx. 3 miles east of Collegeville along Germantown Pike near Fairview Village opposite Methacton School in Montgomery Co., Pa. Sale ordered by Carl Roth and John Cassel; Sale conducted by Ralph W. Zettlemoyer Auction Co.

SAT. FEB. 5- 10 A.M. Public Sale of Farm Machinery, Livestock and Household Goods located 1 mile Northeast of Christiana, Lancaster County, Pa. just off Simmontown Road. Sale by Elias Bawell; Leroy Zook and Leon Kurtz, Auctioneers.

MON. FEB. 7 - Consignment Farm Equipment Auction by Binkley and Hurst Bros., located in Rothsville, Penna. Please call 717-626-4705 if you have any equipment you would like to sell on this auction. John E. and Paul E. Martin, Auctioneers.

THURS. FEB. 10, 1977, 10:00 AM - Farm machinery and livestock. Located 2 miles south of Kirkwood on Route 472. Turn left on Lakeview Road, first farm on right. Sale by Andrew K. Stoltzfus; Larry Lefever and Richard Schroyer, Auctioneers. Eli Miller, Clerk.

THURS. FEB. 10 - 9:00 A.M. Public Sale of Farm Equipment. Located at our place of business six miles

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HARRY RUDNICK & SONS, INC.

Livestock Sales Every Tuesday
Galena, Md.
Phones 648-5100 & 648-5179

IN THE DAIRY SALES BARN

TUESDAY, JANUARY 11

At 7:00 p.m.

37 HOLSTEIN COWS

This is the complete milking herd of Ralph & Woodrow Turner. There are 10 cows due to freshen in the month of Jan. Balance in full flow of milk. Herd is TB & Bangs tested for out-of-state shipment. There is one registered Holstein bull about 2½ years old. There are five registered cows in the herd and most of the grades are sired by artificial bulls from Sire Power (Charm, Ivanhoe, Jack, Transmitter, Lucky, etc.)

In addition, there will be 12 close springing first calf Holstein heifers from down the Shore . . .

Plus other consignments

PUBLIC SALE

OF FARM MACHINERY, TOOLS & BEEF

SATURDAY, FEBRUARY 12, 1977

10:00 A.M.

Location: Along Route 222 in Village of Wakefield adjacent to Fulton Elem. School. 16 mi south of Lancaster.

6 TRACTORS (ALL GAS)

2 730 Case tractors both w, live lift & live power wide front & tricycle., tricycle has 1400 hrs., Oliver 88 tractor, Farmall H, Farmall BN w-cultivators, Farmall B w-cultivators. All tractors have good rubber.

Oliver radex plow 3 bottom trailer, Case 3 bottom 3 pt., trip bottoms, John Deere 28 KBA disc harrow, Brillion 10 ft. cultipacker, John Deere 3 sec. spring harrow, 2 sec. land roller.

New Holland 269 baler, 3 flat bed wagons, 2 Oliver and 1 N.H., New Idea Cut-Ditioner, New Idea 7 ft. 3 pt. mower, John Deere fluffer, New Idea 4 bar rake on rubber (high wheel), John Deere 300 32 ft. elevator w-motor, New Idea PTO manure spreader 3 beaters, New Idea manure loader fits 730, Oliver 13 disc grain drill on rubber, IHC 2 row trailer corn planter, New Holland table silage blower w-pipe (lifts), 2 wheel cattle trailer (small), 3 pt. scraper blade, A.C. bin wagon, J.D. 205 Gyramor 3 pt. w-tail wheel, New Holland flail chopper, bull dozer blade for tractors, tractor chains 15:5-38, saw buck fits on rear

App. 85 ton corn, 20 ton hay,
10 ton straw, 400 bu. oats

3-50 lb. Surge milkers, SS strainers & buckets 40 ft. wooden ex. ladder, 2-6 in. belts, dirt scoop, platform scales, fly foggers, emory wheel, chain hoist, vice, elec. motors, milk house heater, elec. wire, metal wheel barrows, 1 wheel barrow seeder, several chains and load binder, cow chains, small barn fan, screw jack, steel drums, stanchion yokes, milk stools, chain saw, ex. cord, bag cart, cross cut saws, single trees, silage cart.

4 Angus 2 Charolais steers (600 lb.) brood sows w-pigs, 1 gentleman hog, 150 heavy laying hens, 10 chicken coops, 2 elec. brooders (500 & 300 size), chicken feeders & fountains, 200 locust posts, sawed posts, windows, 1 in. new sawmill lumber. Cyclone lawn seeder, elec. fencers, many size nails, slate.

ANTIQUES AND BUTCHERING EQUIPMENT

2 butchering kettles and 3 feet, butchering table w-folding legs, lard press, copper wash boiler, 12 doz. egg crate, complete set of slating tools, broad ax & axes, pulleys, hinges, 2 sets pea & beam scales, cables, forks brooms, shovels. Enough tools to supply a shop
Many other articles not mentioned.

Terms by
Lou & Lena Bradley
717-548-2546

J. Everett Kreider } Aucts.
Carl Diller }

Lunch by Robert Fulton Ladies Auxiliary

CONSIGNMENT SALE

WEDNESDAY, JANUARY 19, 1977

at 9:30 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale sign.

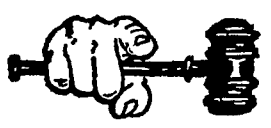
Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no Household Goods. Truck load Citrus fruit direct from Florida, Fish, Oysters, Shrimp.
We sell on Commission.

Hay & Straw Sale Every Wednesday
at 12:00 Noon by Harvey Z. Martin

Sale by
DAVID H. GOOD
717-656-8911

Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L. Horst.
NOT RESPONSIBLE FOR ACCIDENTS.
NEXT SALE WEDNESDAY, FEBRUARY 2, 1977

PUBLIC SALE -of-



ALL KINDS OF TOOLS
COPPER, GALVANIZED PIPES
AND FITTINGS,
SOME HOUSEHOLD GOODS

SAT., JANUARY 8, 1977

Sale at 10:30 A.M.

LOCATION: Located along Route 23 at 46 East Main Street, Leola, next to Dart Container.

3 FT. ROLL TOP DESK

Extension Table with 4 boards; 3 Wash Stands; Bureau; Dresser; Rocking Chair; Sears Chain Saw; Rope and Tackle; 2 Old Boxes; 6 ft. Stepladder; Old Ice Tongs; Glue Pot; Fish Scales; Lawn Mowers; Circular Saw with motor; Cut-Off Saw with motor; Electric Drill Press; Electric Grinder; 6 inch Jointer; 2 Bench Vises; Saws; Tap and Die Set; a Lot of Calipers; Micrometer; Indicator; Portable Vise; Sewing Machine; Planes; Pipe Wrenches; Lathe; Old Anvils; 6 Pitcher Pumps; Girl's Bike; 13 ft. Ladder; Rubber Tire Wheelbarrow; Bag Wagon; Crocks; 2-Man Saws; Crimper; Baskets; and many articles too numerous to mention.

Terms by
GRACE B. KING
Power of Attorney for
Joseph M. Sensenig

Wentz & Wentz, Attorneys
Auctioneers:
Robert E. Martin — 656-7770
Frank L. Steller — 656-8195

REFRESHMENTS AVAILABLE

PUBLIC SALE

SATURDAY, JANUARY 15, 1977

At 9 A.M.

Location on premises of Herbert Texter, on road from Adamstown to Vinemont, turn north at Weaver's Furniture Store and Mike's Diner on 222 between Adamstown and Gouglersville. Sale to be held under roof.

TRACTORS

Farmall Super M with Remote Control; JD M with Hyd. Plow, Cult., and Mower; Case with Hyd. Plow and Cult.; OC 12 Crawler with Winch; Ford; Farmall Cub with Hyd. L. and R. Plow and Cultivator; Backhoe (Dynahoe) T20 Int. Crawler with PTO; Ford 600 with Ditch-O-Witch; GE Riding Tractor with Mower; JD M Plow and Cult.; Garden Cult.; 1956 International; 9 N Ford; International Backhoe with Front Loader and Cab 3800 Model 1968.

IMPLEMENTS

New Idea Cut-Conditioner; Sauder 7 ft. Snow Plow; Int. Corn Sheller; N.H. Corn Chopper; Smoker Elevator; JD 3 Pt. Disc; Int. Fast-Hitch 3 Bottom Plow; JD Hayfluffer; Wagon; Ferguson 3 Pt. Cult.; JD 301 Ferguson Spreader; JD 8 ft. Fertilizer Spreader; 6 ft. Roller; 3 pt. Rotary Mower; 3 pt. 6 ft. Mott Mower; Sauder Front-end Loader; 3 Pt. Ford Sickle Mower; Saw Buck; 3 Pt. Ford Disc; Int. Bale Thrower; JD Disc; Ford Two Bottom Plow; Comb. Harrow & Roller; 3 Pt. Ford Utility Box; Fertilizer Spreader; Ford Loader Parts; Air Comp. Trailer Plow; Old Horse Drawn Implements; Log Chain.

TRUCKS

1960 Ford F-100 Four Wheel Drive with Plow; 1964 Ford F-350 Flat Bed; 1964 Ford F-100; 1973 Ford F-250 Ranger XLT; 6 Ft. Camper Top; 1946 Dodge Wrecker; 1962 Ford F-500 Flat Bed; 1964 Jeep Wagoneer, 4 Wheel Drive; Trailmobile Low Boy Tractor; 5 Ton High Lift Dump Body; 1959 Int. 66 Passenger School Bus.

SLEIGH

One Horse Cutter; One Horse Box.

CARS

1955 Chevy 2 Door; 1955 Chevy Nomad; 1950 Chevy 2 Door; 1970 El Camino.

Odds and Ends of Household Goods and Kitchen Items. 1800 Pendulum Clock; Cider Press; Potato Cutter; Motor Mini Bike; Old School Blackboards; 4 ft. Pipe Wrench; 10 Ton Jack; Coal Furnace; Wire Fence; Scrap Iron. Many items not listed.

TERMS BY
C. L. BUTTER ZIMMERMAN
AUCTION SERVICE
Sinking Spring No. 6, Box 290

For information, inspection or auction service call (215) 777-9820.

Lunch stand by the Open Door Church
Not Responsible For Accidents

Public Sales Register

south of Chambersburg, Pa., one mile East of Marion, just East of Marion Exit for Rte. 81 along Rte. 914. Ralph W. Horst, Auctioneer & Sale Manager.

FRI. FEB. 11 - 11:00 A.M. New Holland Sales Stables Special Draft Horse & Mule Sale to be held at the New Holland Sales Stables, New Holland, Pa.

SAT. FEB. 12, 1977. Public sale of farm machinery, hay, straw, corn. Lou Bradley. Located along Route 222 at Wakefield. Auctioneers· J. Everett Kreider and Carl Diller

TUES. FEB. 15, 11:00 A.M Bath, New York. (Steuben County) Mr. and Mrs. Daniel King Complete Dispersal of Interstate Tested Holsteins, Farm Machinery and Milking Equipment. Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale Manager. James Pirrung Wayland, New York. 716-728-2520.

WED. FEB. 16 - 9:30 A.M. Consignment Sale to be held at David Good's ½ mile north of Route 23 on North Maple Ave., in Leola, Lancaster County, Pa. Watch for signs. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, J. Fry, L Horst

WED. FEB. 16, 1977 - Public Sale of Farm Equipment by Lebanon Valley Implement Company, Richland, Pa. John E. and Paul E. Martin, Auctioneers.

WED. FEB. 16, 1977, 10:30 AM - Marlin R. & Lois A. Denlinger, R. D. 5, Shippensburg, Pennsylvania. includes JD4010D, Case 4-wheel drive & JD70D. Full line of late model machinery in 1st class condition. Inspection invitation. PH: 717-532-7916 Lorne Lichty, Newville, Pa. PH 717-776-5647.

SAT. FEB. 19, 1977. Public sale of farm machinery. Adjacent to Martic Elementary School, 2 miles west of Rawlinsville. J. Everett Kreider, Carl Diller, Auctioneers. Sale by Mahlon Shenk.

SAT FEB 19 - Berks-Lehigh County Bred Gilt, Open Gilt & Boar Sale, to be held on the Kutztown Fair Grounds. Ralph Zettlemoyer, Auctioneer

SAT. FEB 19 - 10:00 A.M. Public Sale of Livestock, Machinery and Other Personal Property. Located at RD1, Rt. 441 south of Middletown go about 5 mile, turn left at Guhl's ice cream stand at first road turn right go about 1½ miles to farm, Sale for David Shearer, Bainbridge, PA. Gerberich and Long, Auctioneers.

SAT FEB. 19 - Public Feeder Pig Auction by Walter M. Horst, RD No. 1 Newmanstown, Pa. John E. and Paul E. Martin, Auctioneers

TUES. FEB. 22 - 10 A.M. Public Sale of a line of Good Farm Machinery and Dairy Equipment for Riley Bros. Farm, located in Huntingdon County, 3 miles West of Water Street, Pa. Mark Glick and Dale Gibboney, Auctioneers.

TUES., FEB. 22, 1977 - Public sale of farm equipment. Located 2-½ miles North of Route 23. Turn north in Leola on North Maple Avenue. Terms: Menno Z. Nolt. Robert E. Martin (656-7770) and Frank L. Steller (656-8195) auctioneers.

TUES. FEB. 22, 1977. Public sale of farm machinery. Frank Johnson. Located along Route 272 south of Little Britain. Auctioneers: J. Everett Kreider and Carl Diller

THURS. FEB. 24, 1977 - 10:30 AM - Public sale large line of farm machinery. Located 2 miles west of Morgantown, 3 miles north of Churchtown. Sale by Edwin Hurst and Ivan Hoover.

FRI. FEB. 25, 1977 - 10:00 AM - Public sale of dairy cows, horses and mules and horsedrawn farm equipment. Located one mile northeast of Honey Brook. Lizzie K. King, owner. Abe Diffenbach, Auctioneer.

FRI., FEB. 25, 1977, 1:00 PM - Fifth production sale of Leon Lawrence and Thomas Arnold. Bred gilts, open gilts and boars. Sale held at the Lebanon Fairgrounds.

FRI. FEB. 25, 1977. Public sale of farm machinery, hay, straw, corn. Near Kirkwood off Route 472. Jay & Hughes Hastings. Auctioneers: J. Everett Kreider and Carl Diller.

SAT. FEB. 26 - Public Sale of Household Goods and Antiques located South of New Danville along Rte. 324. Sale for the McMichael Estate. Carl Diller, Auctioneer.

SAT. FEB. 26, 1977 - Public Sale of Farm Equipment by Isaac B. Good located North West of Ephrata at Durlach. John E. and Paul E. Martin, Auctioneer.

SAT. FEB. 26 - 12:00 NOON. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

SAT. FEB. 26, 1977 - 10:00 AM. Public sale of farm machinery, approximately 45 head of heifers and household goods. Located along Route 272, 3 miles south of Buck or 16 miles south of Lancaster. Auctioneers: Lloyd Kreider, Everett Kreider, Randal Kline. Owners: Clair and Betty Mae Kreider.

SAT. FEB. 26 - 9 A.M. Public Consignment Auction of Farm Equipment at the Don Scheese Farm, Friesburg Aldine Road, Friesburg, N.J. (15 miles Southeast of Delaware Memorial Bridge). William Bragdon, Auctioneer.

SAT. FEB. 26, 1977, 9:00 AM. - Third annual public sale of Strasburg Fire Company No. 1. At the Fire Hall. Items sold on commission basis. Watch for details.

SAT. FEB. 26 - 11 A.M. Geneva, New York (Ontario County) The Vern and Hanna Johncox Farm Machinery Dispersal of 5 tractors, 3 trucks, s.p. Combine, all hay and grain equipment, and planting and tillage tools. Victor Pirrung and Son and Robert Shaylor, Auctioneers; Sale by James P. Pirrung, Wayland, N.Y. 716-728-2520

SAT. FEB. 26 - Simeon & Noah Martin - annual Spring Sale of Livestock, implements, Household goods and antiques. Along the road leading from Reamstown to Hahnstown. H. H. Leid auction service.

March

THURS. MARCH 3 - Public Sale of Clean Line of Late Farm Equipment located just South of Strasburg along Bunker Hill Road. J. Robert Hess, owner; Carl Diller and J. Everett Kreider, Auctioneers.

THURS. MAR. 3 - 9:00 A.M. Registered Holstein Dispersal, farm Equipment, Household Goods. Located along Sunny Burn Rd. 5 miles east of Elizabethtown. Sale by Jonas H. Forry. Auctioneers - Raymond Miller & Rufus Geib

FRI. MAR. 4 - 9:00 A.M. Annual Spring Machine Sale to be held at the Belleville Livestock Market, Belleville, Pa. Mark Glick, Auctioneer

FRI. MARCH 4, 1977. Public sale of farm machinery, 30 bred Holstein heifers. Ralph Cheek. Located off Route 10 near Cochranville. J. Everett Kreider, Auctioneer.

FRI. MAR. 4 - 11:00 A.M. Four Corner Farm Herd Dispersal. Located on Rt. 340, 3 miles East of Lancaster, Pa. Richard & Betty Landis, Lancaster, Pa. - Owners. New Holland Sales Stables, Auctioneers & Sales Managers.

FRI. MARCH 4 - 9:30 A.M. Public Sale of Farm Machinery, Dairy Cows, Heifers, Mules, Horses and a few household Goods located ½ mile north of Route 30, along the North Soudersburg Road, 1 mile west of Gordonville, Lancaster Co., Pa. Terms by Isaac S. Fisher. Leroy Zook and Leon Kurtz, Auctioneers.

SAT. MARCH 5 - Public Auction of Dairy Cattle and Farm Equipment by H. Henry Martin located midway between Manheim and Mt. Joy, along the Manheim Mt. Joy Road. John E. and Paul E. Martin, Auctioneers.

SAT. MAR. 5 - 10:00 A.M. Public Sale of Full Line of Farm Equipment. Located along Bossler Rd., 5 mile west of Elizabethtown. Sale by David M. Dohner. Auctioneers Raymond Miller & Rufus Geib

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PUBLIC SALE

OF LIVESTOCK & FARM EQUIPMENT

MON., JAN. 17, '77

12:00 Noon

Located two miles southwest of Mount Joy, Pa. Route 141 to Donegal High School. Turn south one mile along Union School Road.

1 Jersey Cow — 10 Holstein Heifers

2 Steers — 1 Pony — 2 Tractors

J.D. 2010 w-wide front end, M.F. Super 90, N.I. 300 2 Row Cornpicker, M.F. No. 9 Baler, Oliver 3 B. 16" Plow, Ontario 14-Disc Grain Drill, Grain Bin w-Case Wagon, J.D. 28" Disc, Brady Tank Spreader, J.D. Spreader, Hay Rake, Case Elevator, 3 Flat Wagons, J.D. 4 Sec. Spring Harrow, Cultipacker, 2 2-Wheel Trailers, 3-Pt. Scraper, Koehn Cap, Platform Scale, Air Compressor, Elect. Fences, Feed Carts, Dairy Equipment: Milkeeper 500 gal. Milk Tank, Surge Dumping Station, 3 Surge Milking Units 30T Surge Vac. Pump. S.S. Tubs, Cow Lick, Kitchen Cook Stove.

25 Ton Of Corn, Hay

1 Wagon Load Of Small Tools

Many other items too numerous to mention.

Sale by

AARON G. FISHER

H. (Abe) Shaffner — 653-5689
C. H. Wolgemuth, Aucts.

Food Stand

HUNTER'S SALE BARN, INC.

ROUTE 276, Rising Sun, Maryland

Sale Every Monday

Livestock at 7:00 P.M.

Poultry, Egg, Produce at 7:00 P.M.

Household at 6:30 P.M.

Antiques at 6:30 P.M.

(Every 4th Monday)

Farmers & Flea Market open 3:00 P.M.

HUNTER SALE BARN, INC.

Phone 301-658-6400
Sale Mgr., Auctioneer - Norman E. Hunter, Pres.
Restaurant on grounds.

PUBLIC SALE

OF 98½ ACRE FARM

Located along Marion Drive, approx. 2 miles north of Rte. 422 and 1 mile west of Rte. 419, R. D. No. 1, Womelsdorf, Marion Township, Berks County, Pa.

SATURDAY, JANUARY 22, 1977

at 1:00 P.M.

REAL ESTATE CONSISTS OF: 98½ acre limestone farm, terrain mostly level to gentle slope, in high state of cultivation, soil very clean, no rocks. 85 acres farmed at present, remainder in pasture land.

BARN: Frame and brick with shingle roof, 45' x 110', 3 drive-in bays, old type stables for steer feeding. Also, implement sheds and corn storage.

HOUSE: Brick with tin roof. 1st floor has 3 rooms, bath and utility room for washer and dryer. 2nd floor has 4 bedrooms.

Water supply - very strong spring with pressure system. Conrad Weiser School District

COMMENTS: An outstanding property in a very nice setting. Buildings set off of macadam road in farm lane, most of the ground is visible from the buildings. This farm is one of the very fine and fertile farms of Western Berks County.

Terms: 10 per cent down day of sale, settlement on or before April 1, 1977. Inspection by appointment.

For more information and appointments for inspection call:

HORNING FARM AGENCY. INC.

Main St., Morgantown, Pa.
215-286-5183

Terms by:

Anna Mauser Livingood Brown Estate
Executor: Fenwick Peter Brown
Attorney John T. Wertz

Elton Horning, Auct.
Alvin Horning, Auct.

PUBLIC SALE

OF FARM MACHINERY OF JAMES BEAN & SON

SAT. JAN. 15, 1977

10:00 A.M.

LOCATION: South of Leonardtown, Md. Turn off of Rt. No. 5 on to No. 249 South, approximately 1 mile. Sale on left. Watch for Signs.

TRACTORS - COMBINES

Late Model John Deere 4020 Diesel w-side console, cab, new tires, wide front; John Deere 2520 Diesel w-wide front; John Deere Loader for 2520 Tractor, quick attach; Allis Chalmers Lawn Tractor w-Mower; Front & rear weights for J.D. Tractors; Hydraulic Cylinders; Allis Chalmers Gleaner K Combine w-2 row corn head, 10 ft. grain head, hume reel & cab, real clean; 1969 Ford F600 Truck w-grain body & hoist, 29,000 original miles, real clean; J.D. 5x16 Semi Mtd. Plow; J.D. 4x16 Semi Mtd. Plow; Allis Chalmers 13 ft. Disk, 1 yr. old; J.D. 12 ft. Cultimulcher; J.D. 1240 Planter, real good; J.D. 3 section Spike Harrow, 2 section Spike Harrow; J.D. 4 row rear mtd. Culti., like new; J.D. Lime Spreader; Int. 3 pt. Rotary Hoe; 300 gal. field sprayer w-20 ft. boom.

MISCELLANEOUS

New Holland Trailer Mower; Woods 7 ft. 3 pt. Rotary Mower; J.D. Roto Bar Hay Rake; M. F. No. 12 Hay Baler; New Holland self loading wagon 1 yr. old; New Idea 3 pt. Sower; Massey Ferguson Grain Drill; Hay Wagon; Set of John Deere fenders for 4020; J.D. Manure Spreader; New Holland Grinder Mixer; Tobacco Planter; J.D. Sub-soiler; Harrow rake for disk; New Idea Elevator w-gas motor; Clover seed sowers; 2 wheel cart; Miscellaneous items.

AUCTIONEERS NOTE: Mr. Bean is discontinuing the farming business due to purchasing a gravel plant, and has no longer use for this equipment. This equipment has been well maintained and is only a few years old. If you need good equipment, DON'T MISS THIS SALE.

Auctioneer: **BLAINE N. RENTZEL**
Box 222, Emigsville, Pa., PH 764-6412

Public Sales Register

SAT. MAR. 5 - 10 A.M. Public Sale of Real Estate, (27 Acre Farm) Farm Equipment and Household at Central Manor, Mountville, Pa. Sale by F. Paul Seitz; J. Omar Landis Auction Service, Auctioneers.

SAT. MAR. 5 - 9:00 A.M. Sharp. Bart Twp. Fire Co. 13 Annual All Day Sale. Located 6 miles southeast of Strasburg along Route 896 in the village of Georgetown, Lancaster County, PA. Terms by Bart Twp. Fire Co.

WED. MARCH 9 - Public Sale of Farm Equipment by Moses M. Weaver, located North of Ephrata, RD 1, Stevens, Pa. John E. and Paul E. Martin Auctioneers.

THURS. MARCH 10 - Registered Holstein Dispersal located along Rte. 10 near Cochranville, Chester County. Sale by Paul Eby. Carl Diller, Pedigrees, Zook and Umble, Auctioneers.

FRI. MARCH 11 - 9:30 A.M. Public Sale of Farm Machinery and some Household Goods for J. Nathan Long located in Clinton County, 3½ miles South of Mill Hall, Pa. Mark Glick, Auctioneer.

FRI. MAR. 11 - 11:00 A.M. New Holland Sales Stables Special Draft Horse & Mules Sale to be held at the New Holland Sales Stables, New Holland, Pa.

TUES. MARCH 15, 1977, 10:00 AM - Public sale of dairy herd and farm implements for Noah S. Garman. Located along Bridgeville Road, ½ mile off Route 23 just southeast of Goodville in Lancaster County, Pa. Leroy S. Horst & Paul W. Horst, Auctioneers.

WED. MAR. 16 - 11 A.M. Public Sale of Farm Equipment and Household along Colebrook Road, 1 mile South of Lancaster Junction. Sale by Howard S. Stauffer; J. Omar Landis Auction Service, Auctioneers.

THURS. MARCH 17 - 10 A.M. Public Sale of Farm Machinery, a few household goods and Antiques located 1 mile south of Parkesburg along Route 10 at the Gibson Bros. Farm, Chester Co., Pa. Terms by Gibson Bros.; Leroy Zook and Leon Kurtz, Auctioneers.

THURS. MARCH 17, 1977. Public sale of farm machinery. Sale by Alice Brinton. Located off Route 272 near Little Britain. Auctioneers: J. Everett Kreider and Carl Diller.

FRI. MAR. 18 - 11:00 A.M. Hempstead Farm Complete Holstein Herd Dispersal. Located off Rt. 230 at Hempstead Exit. Bob & Janice Landis, owners. New Holland Sales Stables, Auctioneers & Sales Managers.

FRI. MAR. 18 - 11 A.M. Public Sale of Outstanding line of Farm Equipment located along Hereford Road, Mount Joy, Pa. Sale by Thome Farms, Inc. J. Omar Landis Auction Service, Auctioneers.

SAT., MARCH 19, 1977, 1:00 PM - Bred Yorkshire gilts, open gilts and boars. Sale held at the Lebanon Fairgrounds. Sponsored by the Pennsylvania Yorkshire Club.

SAT. MAR. 19 - 10 A.M. Public Sale of Farm Equipment and Household at Columbia, Pa. Sale by Warren Miller; J. Omar Landis Auction Service, Auctioneers.

THURS. MARCH 24 - 9:30 A.M. Annual Machinery and Tool Sale for Mel Stoltzfus located in Centre County, ½ mile West of Rebersburg, Pa. Glick, Gibboney, Snyder, Auctioneers.

THURS. MARCH 24 - 6 P.M. 14 Annual Spring Sale, Kempton Community Center, 12 Auctioneers. Household Goods and Antiques.

FRI. MARCH 25 - 11 A.M. - 14 Annual Spring Sale, Kempton, Pa. All livestock; 5:30 P.M. Household Goods and Antiques, 12 Auctioneers

SAT. MAR. 26 - Public Sale of Farm Equipment, Antiques and Household Goods. Located along Indian Marker Road, 6 miles West of Millersville. Sale for Oliver F. Hess. Nevin Z. Martin & Lewis B. Groff, Auctioneers.

SAT. MARCH 26 - 9 A.M. till 12 Midnight, 14 Annual Spring Sale, Kempton, Pa. 12 Auctioneers, Everything sold on Commission. Farmstocks, small items, milk equipment, Hay, Straw, Lawn Equipment. For more information call 215-756-6511

SAT. MARCH 26 - Annual Men's Work Consignment Sale at the Myerstown Brethren Grove, Myerstown, Pa. about 1 mile north of Route 422 just off of Route 645. Kermit M. Oxenreider, Sales Committee Chairman.

SAT. MAR. 26 - 12:00 Noon. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

PUBLIC SALE

OF VALUABLE FARM EQUIPMENT & HOUSEHOLD GOODS

TUES., JAN. 11, 1977

at 10 A.M.

Five miles east of Kutztown, turn north off Rt. 222 between Breinigsville & Maxatawny onto Rt. 863 for ½ mile to sale. Upper Macungie Twp., Lehigh Co., PA.

Farmall 400 tractor w-TA, good rubber; Farmall H tractor, gd. rubber; Ferguson 35 Deluxe tractor; swinging drawbar for same; J.D.F-620 A 3 bot. 16" trailer type plow; MC 6' offset disc; MC No. 8 2 bot. plow; Cobey 17" 3 sec. single roll cultipacker; Cobey 9' single roll cultipacker; MC 12' dbl. roll cultipacker; J.D. 12' spring tooth harrow; MC 9' disc; J.D.494 4 row corn planter; MC No. 240 2 row cultivator; 3 pt. 2 row cultivator; Ontario 14 x 8 disc grain drill; MC No. 64 combine w-motor & bin; MC 7' mower; N.H. 5 bar rake; J.D. hay fluffer; MF 9' hay bine; MC 55-W wire tie baler w-U-22 power unit; King Wyse bale elev.; Lavelle elev.; N. Idea No. 323 single row corn husker; N. Idea No. 202 PTO manure spreader; Grove 4 whl. dump trailer; (3) 4 whl. farm trailers; Century 200 gal. trailer weed sprayer (new); Shultz 2 row stalk shredder (as is); redecorated horse drawn farm wagon w-slant hay flat; horse drawn farm body wagon; 12' land drag; snow plow for Ferguson; circular saw buck; hand corn sheller; 36' ext. ladder; hot water heater; 2 rubber tire feed carts; elec. fencer; 75' endless belt; Mall chain saw; elec. fence stakes; Toto riding mower; 14' x 14' brooder house (good); 2 poultry shelters; 50 laying hens, 16 months old; 5 telegraph poles; scrap pile; sawed fire wood; 3 iron butcher kettles; rd. scalding trough; 2 butcher benches sausage stuffer; 2 wdn. meat tubs; lg. antique black smith bellows; rough sawed second hand lumber; 20 pr. house shutters; rd. ext .table; wdn. wardrobe; Victrola record player; Victor 21 cu. ft chest freezer; Kelvinator refrig.; Monarch kitchen wood stove, used 4 yrs. (new); Philco 4 burner 2 oven elec. stove; sofa bed; dining room table & chairs; 12' x 15' living room rug; 2 pc. living room suite; kitchen cabinet; canning jars; plus other articles too numerous to mention.

Terms - Cash or check, day of sale
Refreshments served.

Sale ordered by
IRWIN W. MENGEL

Sale conducted by
Ralph W. Zettlemoyer Auction Co.
Tele. - (215) 285-4616

YORKSHIRES

Do you need a boar that will produce fast growing pigs, low feed conversion, but yet will give you plenty of lean red meat?

Try a YORKSHIRE BOAR from our herd. The herd with the big winners. The last two years we have had the superior boar over all breeds at the New York State Fair.

We also have bred Gilts and Open Gilts both for the purebred and commercial breeder. Delivery available.

Call or Write:

REAL FARMS INC.

Tipton, Pa. 16684
Phone 814-684-4769 or 814-684-3720

41st SWINE SALE

• Production Tested • Certified Meat Tested

OUR ANNUAL

WINTER SALE

JAN. 14, 1977

1 P.M. at the Farm

SELLING 200 HEAD - 50 BRED GILTS - 40 BOARS - 110 OPEN GILTS

New Irish Import Bloodlines
Landrace And Large Whites (Yorkshire)

Something we all need. The pigs of tomorrow can be bought today.

YOU CAN BE THE FIRST TO OWN THIS NEW BLOOD

★ Pure Irish Boars
★ Pure Irish Gilts Bred To Pure Irish Boars (own and farrow your own Irish litter)
★ All From Irish Meat And Feed Tested Stock
★ Native Gilts Bred To Irish Boars For First Cross Bloodlines

1976 NEW YORK STATE FAIR KEEPS OUR BREEDING STOCK OUT IN FRONT we had both Champion and Reserve Champion carcass pigs on the rail sired by Winston 80-5 and Explorer 169-7.

ON FOOT N.Y. WINNERS INCLUDE:
Sr. Champion Boar sired by Winston 80-5, Res. Jr. Champion Boar and Res. Grand Champion Boar sired by Royal Crown 139-6, 1st February Gilt sired by Explorer 169-7 and Premier Breeder Award - Our Fifth straight year for this award in New York.
We also exhibited the Top Gaining Pig in the Production Barrow Contest at N.B.S. 1976 at Austin, Minn.

Catalogs available

BROOKS END and PAR KAY FARMS
Reno H. Thomas, Sale Mgr.
Beavertown, Pa. 17813
Phone: 717-658-5821; 6544; 7007

PUBLIC SALE
SATURDAY, JAN. 15, '77
1:30 P.M.
Location: 3 miles N.E. of Bethel, off Route 22, behind Trainer's Midway Diner.
400 Feeder Pigs 30-70 lbs.
Famous 3-way Cross— York-Ham-Duroc.
All pigs raised on this farm. Castrated, Wormed, Vaccinated for Erysipelas, Tails Crocked, Treated for Lice.

Terms by **Adam Martin**
Aucts: George E. Stone, Jr., R. 1, Bainbridge, Pa.
John D. Kilmer, R. 6, Manheim, Pa.

PUBLIC SALE —of—

LIVESTOCK AND FARM EQUIPMENT

TUESDAY, JAN. 11, 1977

at 9:30 a.m.

Located 1½ mile south of Route 23 between New Holland and Leola, turn on South Groffdale Road, turn left on Musser's School Road, Lancaster County, Pa.

49 HEAD

31 MILK COWS

8 Bred Heifers, 3 Yearling Heifers, 2 Stock Bulls, 2 Work Horses, 3 Mules 7 and 9 years old.

P.T.O. HESSTON MOWER
with engine mounts.

J.D. 999 Corn Planter; Super New Holland 68 Hayline Baler with engine; J.D. 20 Disk Harrow; 8 ft. Double Cultipacker; 2 Steel Wheel Wagons with like new beds; 28 ft. Lapp Elevator; 2 J.D. Cultivators; Int. Cultivator; Oliver Grain Drill, 13 disk.

INTERNATIONAL 560 TRACTOR DIESEL
with power steering, live P.T.O. T.A., on rubber.

New Idea 323 Corn Picker; Nickelson Hay Tedder; 3 Section Harrow; 12 ft. Weeder; 8 ft. Binder, Int.; New Idea Four Bar Side Rake; New Idea Transplanter; 9 ft. Steel Roller; Int. 10 ft. Fertilizer Spreader, like new; 7 ft. Mc. Mower; J.D. 2-Way Plow with steel bottoms; 2 No. 10 A New Idea Spreaders; Corn Binder; Vermere Crimper for parts; 3 Bale Boxes; Feed Cart; Shovels and Forks; Harnesses; Lines; Collars; 1, 2, 3, 4 Horse Hitches; Feed Carts; Old Milk Cans.

MILK EQUIPMENT

500 Gallon Dari-Kool Tank; 3 Horsepower Lee Hi Compressor; 12 Horsepower Lister Diesel; 110 Volt Alternator; Surge Vacuum Pump; 3 Surge Units; Stainless Steel Strainer and Twin Tubs; Drain Rack; Fury 30 Gallon Gas Water Heater, like new.

CORN — 53 TON
LUNCH AVAILABLE
Terms by

John A. and Naomi F. Beiler

Auctioneers:
Robert E. Martin — 656-7770
Frank L. Steller — 656-8195

AUCTIONEERS' NOTE: This herd has some of the daughters milking from Penn State Star Dust, Connerhill Ivanhoe Leader, President King, Arlinda Advancer, and others.

Public Sales Register

MAR. 26 - 9 A.M. Tri- Annual Sale at the Show Building, rrisburg, Pa.

ED. MARCH 30 - Public ction of Farm Equipment Curvin S. Hursh, RD No. Lititz, Pa. near Ephrata. hn E. and Paul E. Martin, ctioneer.

April

RI. APR. 1 - 11:00 A.M. w Holland Sales Stables ecial Draft Horse & Mule le to be held at the New lland Sales Stables, New lland, Pa.

T. APRIL 2-9 A.M. hocton, New York ben County) Victor ng and Son Annual ignment Auction of all r owned equipment. er a quarter of a million llars worth of new and like w equipment sells in this sale. Plan to consign your machinery! Note our new location! We sell on commission! Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale by James P. Pirrung, Wayland, N.Y. 716-728-2520

SAT. APR. 9 - 9:00 A.M. Public Sale of Some Construction Equipment, Lot of Tools, Furniture, Desks, and A Lot of Small Items, Lumber 9:00 A.M. Located at 710 South Union Street, Middletown, Pa. Sale for E. H. Givler. Gerberich and Long, Auctioneer.

MON. EVE. april 11 - 6 P.M. Wayland, New York (Steuben County) Joseph C. Kurtz Estate Farm Machinery Dispersal. Full line of farm machinery and many many small items! Milred Kurtz, executrix. Robert L. McAllister, Attorney. Victor Pirrung and Son and Robert Shaylor Auctioneers. Sale by James P. Pirrung Wayland, New York 716-728-2520.

SAT. APR. 30 - 12:00 Noon. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

May

MAY 19, 20, 21 - Annual 3-Day Spring Carriage and Antiques Sale. Watch paper for further details. Martin Auctioneers.

Sale reports

A Public Auction of a 45 acre farm; construction equipment and farm equipment was held Jan. 1 for the R. H. Odenheimer Estate between Allentown and Hamburg, Berks Co., Pa. 935 registered for the sale and 1800 attended from several state.

The 45 acres included a 2 story frame barn, storage sheds and 2½ story frame farm house and was sold for $97,000, in two parcels, to neighbors.

Other equipment sold as follows: Case 830 tractor $6200, Oliver 88 with N.I. husker $3900, low-bit Trailer $1525, Ford 2000 tractor $3000, Trenching Machine $2300, Case Disc $1100, Brady Stalk Shredder $2200, A.C. D 14 tractor $2350, J.D. 1010 crawler with blade $4400, F.M. M tractor $1050, Case Backhoe $8000, M.F. 65 traftor $2025, Cub Farmall $2025, and Int. Scout with snow blade $2100.

Sale conducted by Ralph W. Zettlemoyer Auction Co.

xxx

Antiques and collectibles were sold January 1 at the Farmersville Auction in Farmersville, Lancaster Co., Pa.

Some of the outstanding items were: Victorian China Closet $600, Early Lincoln desk $475, Victorian Tilt-top Table $265, Pine Gate-leg Table $190, Walnut Farm Table $400, Bow-front Shaving Mirror $210, Oak Ladies Desk $160, Service for 8 (Fiesta) $100, Bitters Bottle $60, Pie Safe $260, Shirley Baby Doll $300, Shirley Temple Doll $150, French Doll $200, 2 Oyster Plates $22 ea., Balance Scales $67.50, Cast Iron Dog $25 and Carnival Bowl with Panther $70.

Auctioneer and owner John J. Rutt.

xxx

A Public Sale of a 53 acre farm took place December 31, 10 miles south of Strasburg when Elmer L. Fisher sold his farm.

The farm included a large bank barn, equipment shed, 2 silos, milk house and 8 room frame house. The property was bought by Joe Blank of White Horse for $162,500.

Abe Diffenbach was the auctioneer.

xxx

A Holstein dispersal sale was held Dec. 30 at the Smoketown Quality Dairy Sales 5 miles east of Lancaster, Pa. A good crowd of interested buyers from a wide area attended.

The 56 head of Registered cows from a Vermont herd sold from a low of $295 to a high of $1400.

Auctioneer was Carl Diller.

xxx

A Public Sale of Reg. and grade Holstein cattle was held Dec. 28 at the Aberdeen Sales Co., Inc. Livestock Auction Market 6 miles east of Bel Air, Md. Herd owners were Edlow Farms, Glen Arm, Nd. and Mr. & Mrs. Eugene Probst of Bel Air, Maryland.

The 85 head of grade animals averaged $550 with the top cow bringing $920.

Sale conducted by Aberdeen Sales Co., Inc.

xxx

Danville, Pa.
January 3, 1977

STEERS: Standard to Good 29.25 to 33.85

HEIFERS: Good to Choice 24.50 to 31.25

FEEDER STEERS Standard to Good 28.00 to 31.00

BULLS: 27.25 to 30.00

COWS: High Choice to Prime 25.00 to 26.00, Good to Standard 23.85 to 24.75, Utility 22.00 to 24.00, Cutters 18.00 to 21.00

CALVES: High to Choice 60.00 to 72.00, Good to Choice 35.00 to 50.00, Standard to Good 20.00 to 30.00

HOGS: 39.00 to 40.40

SOWS: 23.50 to 32.00

BOARS: 18.00 to 24.50

SECHRIST SALES COMPANY, INC.
LIVESTOCK AUCTION
Stewartstown, Pa.
January 3, 1977

CATTLE 117 Steers - High Choice and Prime 42.00-42.85, Good Choice 41.50-41.75, Good 40.00-41.00,Standard Good 38.50-39.75, Holsteins Good 36.00-37.50 Standard to Good 29.00-34.00. Heifers - High Choice and Prime absent, Good to Choice 31.50-32.50, Good 29.50-31.00, Standard Good 28.75-29.25, Holsteins Good 28.00-28.50 Standard Good 26.00-27.75. Feeder Steers - Good and Choice absent, Standard Good 30.00-32.00, Utility 28.00-29.50. Bulls - Good and Choice Commercial 34.00-36.50, Standard to Good 32.00-33.50, Utility to Standard 28.00-31.00. Cows - High Yearling Commercial 25.00-26.85, Cutters 24.00-24.75, Canners Low Cutters 22.00-23.50, Shells 18.00-21.50.

CALVES 111 Calves - Choice and Prime 70.00-74.00, Good and Choice 65.00-68.50, Standard and Good 55.00-63.00, Utility to Good 110-140 lbs. 50.00-54.00, Utility 90-110 lbs. 42.00-47.00, Culls 22.00-35.00.

HOGS 174 Hogs - U.S. No. 1 and 2, 190-220 lbs. 40.00-40.50, U.S. No. 1 and 3, 190-230 lbs. 39.50-39.75, U.S., No. 1 and 3, 180-250 lbs. 39.00-39.25. Sows 250-375 lbs. 29.50-31.00, 400-500 lbs. 24.00-27.00. Boars Boars 300-500 lbs. 22.00-24.50. 24.50.

SHEEP 14 Lambs - Good to Choice 35.00-45.00, Medium and Good 25.00-32.00, Ewes 7.00-16.00

Private Treaty Fat Hogs, Select No. 1 and 2, 200-215 lbs. 40.00-40.25

Private Treaty Fat Hogs, No. 1 and 2, 200-220 lbs. 39.50-39.75

Private Treaty Fat Hogs, No. 1 and 3, 200-220 lbs. 39.00-39.25

PUBLIC AUCTION

VALUABLE REAL ESTATE

FARM APP. 68 ACRES

SATURDAY FEB. 5th, 1977

1:30 P.M.

Located app. 1 mile north of Lititz Borough Pa. along Brunnerville road in Warwick Township Lancaster County, Pa.

Farm Consists of 68 acres more or less with frame bank barn 20x60 silo and feeding area large block and frame equipment building and various storage areas. Also 8 room brick house with bath and automatic heat system. Farm is located in a very excellent area of Warwick Township. You will appreciate the location and the farm in the entirety after you inspect all areas of this farm. You may inspect the farm by dialing 626-244 or 626-2636 for appointment to convenience tenants.

E.M. Murry - Asso. Auctioneers.

Sale by

Abram F. Hershey and Ethel B. Hershey.

Geisenberger-Zimmerman
Pfannebecker & Gibbel - Attys

Terms 10 Percent on day of sale, balance Mar. 25th 1977.

THOMPSON FARM

AUCTION

SATURDAY, JANUARY 15, 1977

11:00 A.M. SHARP
BY ORDER OF OWNER

- WILL BE SOLD -

124.9 ACRE FARM

Located 28 miles South of Lancaster, Pa., 24 miles from West Chester, Pa., 28 miles Northwest of Wilmington, Delaware, between exits 10 & 472 of New Route No. 1 By-Pass - & joins Oxford Boro, Oxford, Chester County, Pa. One mile from Lancaster County Line on Bell Bank Pine Street Road L.R. 15025.

(Once in a lifetime opportunity)

Old Fashioned Dairy Farm

No modern up to date bldgs.

108 Acres tillable - balance woods and pasture. Much more to be told - but come and see for yourselves.

Inspection - anytime from this date.
Not responsible for accidents.
Terms - 10 per cent down day of auction, balance in full on or before April 1, 1977.

Maud M. D. Thompson - Owner

Whiteside Auction Service 215-932-2291
Harry W. Whiteside - Auctioneer
John I. Watson - Attorney

Large Sign on Property!

$$$ SAVE $$$

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EVERY WEDNESDAY,
6:00 PM

Full line of furniture, antiques and misc. & collectibles.

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Ephrata, Pa.
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717-733-9695

New Furniture Outlet Open
9-8 Daily

Orthopedic box springs and mattresses, bedroom and living room suites. 20, 30 & 40 per cent cash discounts.

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2220 DAIRY ROAD LANCASTER, PA

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TOP QUALITY COWS

BUYING & SELLING DAILY

LIVESTOCK IS OUR FULL TIME BUSINESS

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Owner
CHARLES C. MYERS Phone:
PARK MYERS, Sales Manager 717-569-2106 or 717-569-6800

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Stevens RD1, Box 561
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Tents Available

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Manheim, PA

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REGISTERED AND GRADE DAIRY CATTLE, FARM EQUIPMENT
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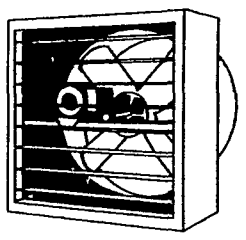
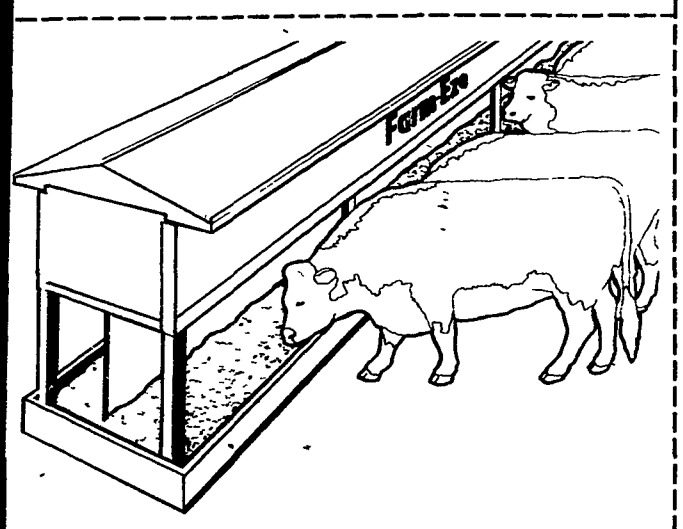
AGWAY

HEADQUARTERS FOR LABOR SAVING EQUIPMENT



- Watt Watcher fans save you up to 58% to move the same volume of air as other fans!
- Automatically provides constant ventilation
- Rugged and dependable through years of use

Thrifty Vent-O-Matic fans can save you $$$!

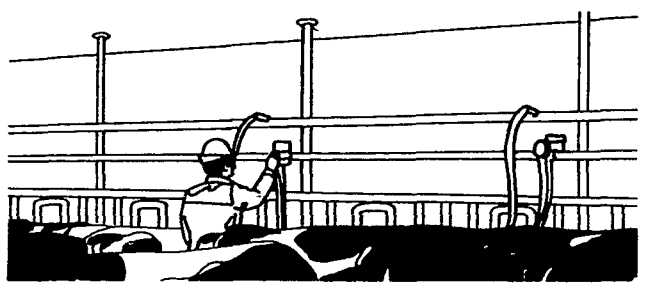


Faster feeding, less work, better profits!

Farm-Eze conveyor bunk feeder

There's a Farm-Eze Feeder just right for your operation, and it's so quiet, safe and simple-to-operate, you'll wonder how you ever got along without it! Get a minimum of 250 pounds of feed per minute. The exclusive Farm-Eze plow provides an even feed distribution for each foot of bunk regardless of length. And the Farm-Eze comes in lengths to 165'. 1½ hp motor.

Ask Agway about designing a work-saving, time-saving Farm-Eze system for you.



Add milking convenience to your stanchion barn

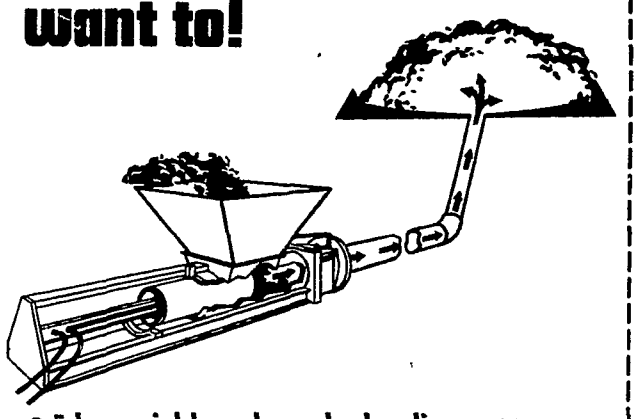
Agway Pipeline System

The Agway Pipeline System lets you milk without ever making a trip to the bulk tank! Simply plug into the pipeline and vacuum lines at each stanchion and the milk is pumped automatically! Your milk stays fresher, cools faster because it gets to the bulk cooler quickly.

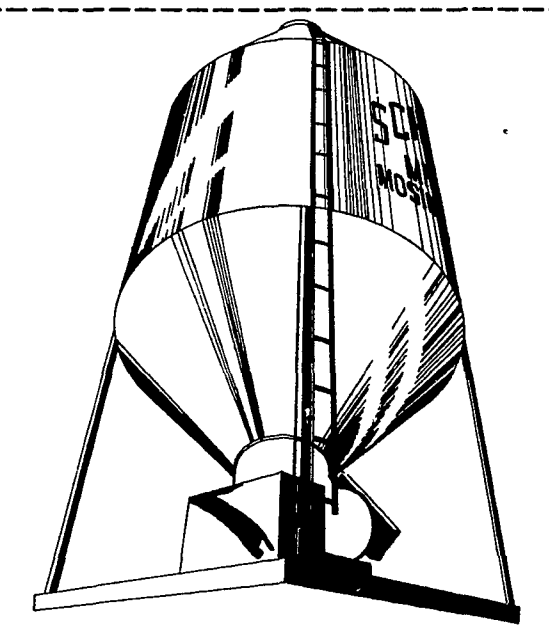
Ask Agway to custom design a system for you.

Hydra-Ram

Lets you spread when you want to!



- 5 hp variable-volume hydraulic pump requires less electrical energy than 10 hp fixed units
- moves manure, as is or with bedding, to outside storage up to 250' away
- no need to add water at the pump or in the storage
- manure crusts over to conserve nutrients, squelch odors and discourage flies
- works with barn cleaners or scrapers, in freestall or confinement barns

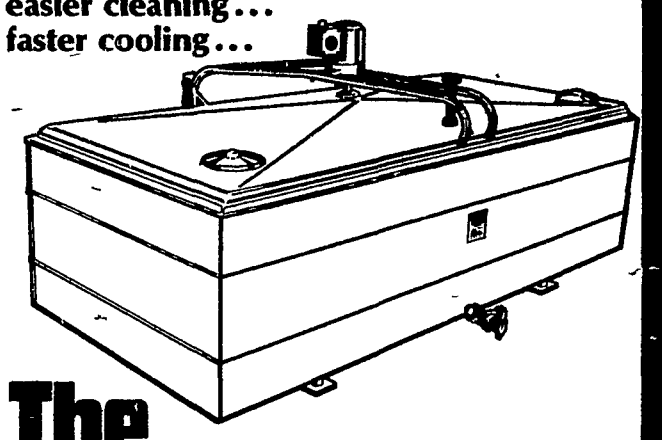


The right feed bin for you

Schuld bulk feed bin

- Capacities from 3 to 125 tons
- Unique free-flow design
- Free erection (all but largest)
- Heavy galvanized steel

Lower Pouring... easier cleaning... faster cooling...



The Girton Diplomat

The Girton Injector.
Replaces the expansion valve. Eliminates need for solenoid valve. Never needs replacement.

Lower cooling costs.
Recent tests established cooling electrical needs at 0.4 kilowatt hours per 100 lbs.

Dependable calibration.
Once properly installed and calibrated, no Girton tank has bever been proven to go out of calibration.

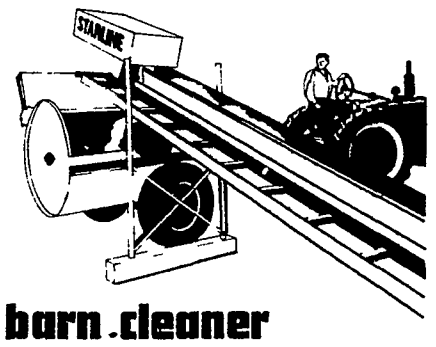
Faster cooling.
Entire tank bottom is refrigerated for maximum cooling effect. Surge drum is insulated for extra efficiency.

Keeps it cool.
Foamed polyurethane insulation equals 4½" of corkboard on sides and bottom.

Convenience.
Counterbalanced, one-piece cover and low profile (it's the lowest tank in the industry) assure easy pouring and easy cleaning.

Help when you need it.
Qualified service experts throughout the Northeast are always on call.

A size to fit you.
Available in sizes from 200 to 1000 gallons...with or without automatic washers.



Starline barn cleaner

- Saves up to ⅓ the power over conventional systems
- No load starting, gear-box free drive and other friction-cutting devices
- Unique, money-saving installation ideas keep down initial costs

FARM SYSTEMS AND MECHANICAL CENTERS

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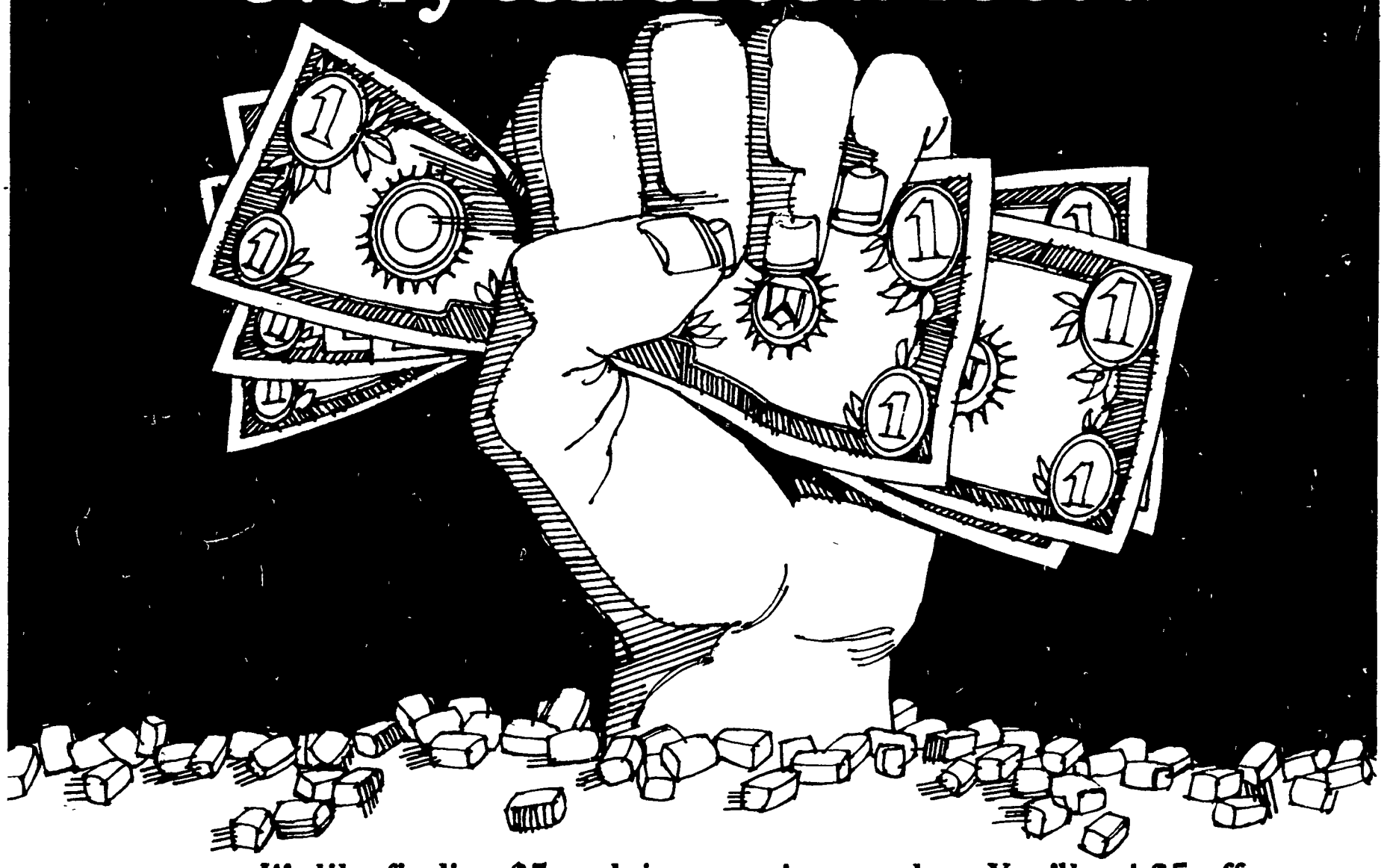
AGWAY's own credit plan

Find a fistful of dollars in every ton of sow feed!



It's like finding $5 cash in every ton you buy. You'll get $5 off on each ton of Master Mix complete sow feed on our "Fist List" shown here. So don't delay. This offer ends February 28, 1977. Just fill in the coupon below, and bring it in. The more you buy, the more you save!

CLIP COUPON & SAVE $5 PER TON OF MASTER MIX SOW FEED

$5 OFF

$5 per ton discount on any of these Master Mix complete sow feeds!

$5 OFF

_____ tons Sow-Aid Cubes _____ tons Farro-Aid

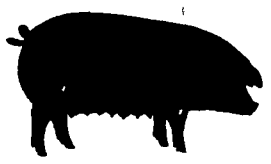
_____ tons Sow Limited A _____ tons Sow Limited B

_____ tons Sow Limited C _____ tons Sow-15 Cubes _____ tons Complete Sow Feed

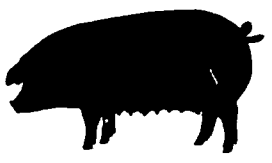
Total cash rebate based on $5 per ton $_____

Customer Name_____

Town_____ Zip_____



Mr. Master Mix dealer: Master Mix will honor this coupon with a $5 per ton rebate so long as the total tonnage claimed by you does not exceed that of your shipments during the period of this promotion. Offer expires February 28, 1977.



Master Mix

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Shoemakersville, PA
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FFA'ers receive Keystone Degrees

Richard Strauss

Richard Strauss
Ephrata High School

Richard Strauss, the son of Mr. and Mrs. Robert Strauss, Ephrata R1, holds the office of chapter treasurer of the Cloister FFA of Ephrata High School.

A member of the state's livestock judging team that competed in Kansas City, he will be receiving his Keystone Degree at the state convention of the Future Farmer's of America this Wednesday at Harrisburg.

Winner of the chapter's chain lambs in 1974, he now has a flock of registered Hampshires. He also showed the grand champion market hog at last year's Pennsylvania State Farm Show.

Strauss has won numerous championships at the Ephrata and Manheim Fairs with his market hogs and lambs. He is employed as a swine herdsman for Dutch Valley Farms, Manheim.

Steve Hull

Steve Hull
Ephrata High School

Steve Hull, the son of Mr. and Mrs. Guy Hull, 14 East End Avenue, Akron, will be receiving his Keystone Farmer Degree with nine other members of the Cloister FFA on Wednesday. A senior at Ephrata High School, he has served as the chapter community service chairman. Through his efforts, the chapter developed a hunter safety trail at the Middle Creek Wildlife area. His work also helped the chapter win the state and national BOAC award.

Active in chapter safety programs, Hull has participated in TV productions. His record books have also won awards on the state level.

Hull's occupational experience has included employment at the Norka Christmas Tree Farm for two years and presently at Andes Greenhouse in Akron. A member of the New Holland Evangelical Church, he is active in the youth group at the Ephrata Bible Fellowship Church.

Cliff Martin

Cliff Martin
Ephrata High School

Cliff Martin, son of Mr. and Mrs. Paul E. Martin, Stevens R2, is the chapter reporter and past vice president of the Cloister FFA of Ephrata High School. He is a senior and is presently serving as president of the County FFA. A member of the parliamentary procedure team that placed first in the state contest, Martin also was on dairy and land judging teams.

Martin won two foundation awards and several record book medals in his years in the Future Farmers of America.

The recipient of two chain dairy calves, he conducts a farming program of registered Holsteins and field corn. He is also a member of the Martindale Mennonite Church.

John Zimmerman

John Zimmerman
Ephrata High School

John Zimmerman is the son of Mr. and Mrs. John Zimmerman, Ephrata R1, and is chapter sentinel of the Cloister FFA Chapter. A member of last year's state champion parliamentary procedure team, he also competed in livestock judging.

A member of the Red Rose Beef and Sheep Club, Zimmerman's FFA farming program includes market steers, breeding swine, market hogs, and field corn. He is active in the Indiantown Mennonite Church, and is a member of the Ephrata High School wrestling team.

Curtis Martin

Curtis Martin
Ephrata High School

Curtis Martin, son of Mr. and Mrs. Samuel Martin, Ephrata R1, is the former secretary of the Cloister FFA Chapter and chairman of various committees.

The newly named Keystone Farmer won a silver medal in the national milk products judging contest at Kansas City. He has also won various awards in state milk, engine, and dairy judging contests.

Martin was a member of the chapter's dairy judging team that judged at Madison, Wis.

His farming program includes registered Holsteins and field corn. He is also an active member of the Cocalico Church of the Brethren.

Jay Oberholtzer

Jay Oberholtzer
Ephrata High School

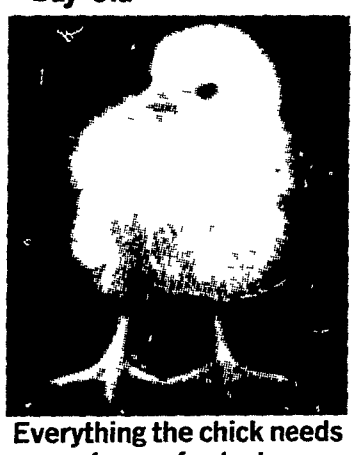
Jay Oberholtzer, the son of Mr. and Mrs. Chester S. Oberholtzer, Lititz R4, and chaplain of the Cloister FFA Chapter will be receiving his Keystone Farmer Degree on Wednesday of the upcoming week at the Pennsylvania State Farm Show.

Oberholtzer has participated in milk products, small gasoline engines, and land judging on the state level. He has won trips to Kansas City, Mo., and Oklahoma City, Okla.

Oberholtzer's farming program includes hogs and crop production on a 50 acre farm rented from his father.

His extracurricular activities include being leader of the Christian Fellowship at the Middle Creek Church of the Brethren.

Day Old



Everything the chick needs for a safe start

PURINA CHOWS

Twenty Weeks Old

BUILT TO LAY

STARTED PULLETS AND THE FEED MAN

SANITATION/VACCINATION/FEEDING

PROGRAMS TO FIT THE CHICK

PURINA BIO-4

Feeding of Pullets The new improved Purina pullet feeding program indicates new time periods and poundage guides and poundage guides for pullets under both normal and stress conditions.

BIO STARTENA

What it is - A highly fortified complete ration formulated with amino acids, vitamins and minerals balanced to energy for successful starting of chicks.

ADVANTAGES

1. A highly efficient Chick Starter with proper amino acid balance (protein guarantee 18 percent) for optimum growth.
2. It may be used as a ration for stress conditions during the period from 6-12 weeks of age.
3. Developed to satisfy both the needs of cage reared and floor maintained chicks.

*A Purina Bio-4 Program Chow.

BIO GROWENA 1

What it is - A highly efficient complete growing ration formulated with vitamins, amino acids and minerals balanced to energy. To be fed to pullets from 5-10 weeks of age.

ADVANTAGES

1. A highly efficient ration with proper amino acid balance to promote optimum growth (15.0 percent protein).
2. It may be used as a ration to be fed during periods of stress from 10-20 weeks of age.
3. If pullets are control fed during the summer months (not a normally recommended practice), Bio Growena 1 can be fed during the period from 12-20 weeks of age to insure adequate intake of amino acids, vitamins and minerals.
4. Developed to satisfy the requirements of both caged and floor reared pullets.

*A Purina Bio-4 Program Chow.

PURINA BIO-4 PRODUCTS FOR PULLETS

All highly efficient rations formulated on biologically available nutrient values and fortified with amino acids, vitamins and minerals balanced to a specific energy level.

BIO GROWENA 2

What it is - A complete highly efficient growing ration formulated with amino acids, vitamins and minerals balanced to energy. To be fed during the period from 10-20 weeks or 5 percent production.

ADVANTAGES

1. Bio Growena 2 contains optimum amino acid fortification to promote optimum growth rate (12 percent protein tag guarantee).
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Reuben Auker

Reuben Auker
Ephrata High School

Reuben Auker, the son of Mr. and Mrs. Reuben S. Auker, Stevens R1, has earned the Keystone Farmer Degree. The Cloister FFA Chapter star Agribusinessman of 1975, he has been employed at Hess Bros. Farms for the past three years.

His record book was a silver and gold award winner in county and state competition last year. Active in the Ephrata High School Christian Fellowship Club, he is past vice president of the youth group at the Ephrata United Zion Church.

Gerald Good

Gerald Good
Ephrata High School

Gerald Good, the son of Mr. and Mrs. Lester T. Good, Ephrata R1, was a Cloister FFA Chapter delegate to the 1975 national FFA convention. He will be awarded his Keystone Farmer Degree this Wednesday at the state Future Farmers of America convention in Harrisburg.

Good has served on various FFA committees and fund raising projects. His farming program includes chickens, guinea pigs, and a greenhouse.

He has shown the grand champion cockerel at the Ephrata Fair, and is a member of the Martindale Mennonite Church. He is also active in the Christian Fellowship Club of the Ephrata High School.

David Martin

David Martin
Ephrata High School

David Martin is the son of Mr. and Mrs. Raymond W. Martin, Ephrata R2. The Keystone Degree winner was a gold medalist in the state tractor driving contest held at Penn State, and during last year's Pennsylvania State Farm Show, he placed second in the tractor driving contest.

A senior at Ephrata High School, Martin attended the national FFA convention this past year as a chapter delegate.

Presently, he is employed at Hollinger's Farm Market under the supervised agriculture program and is a member of the Groffdale Mennonite Church.

John Weiler

John Weiler
Ephrata High School

John Weiler is the son of Mr. and Mrs. Eli H. Weiler, Stevens R1, and will be receiving the Keystone Farmer Degree with nine other senior members of the Cloister FFA of Ephrata High School.

Weiler is the Cloister Chapter president and former treasurer. His farming program includes a herd of registered Holsteins, market hogs, capons, and field corn.

Weiler has competed in parliamentary procedure contests for two years, and placed second and third in state dairy judging. He was also on the Pennsylvania poultry judging team which competed in Kansas City.

Weiler is also a member of the Lancaster County Junior Holstein Club and attends the Indiantown Mennonite Church.

Galen Long

Galen Long
Penn Manor
High School

Galen Long, 17, is the son of Mr. and Mrs. Howard M. Long, Columbia R2. He is a senior at Penn Manor School.

Long lives with his parents on a 90 acre farm, and is working for his father on the farm.

Through his four years of FFA he has served on various committees, serving as chairman of several. Offices which he held were asst. reporter, treasurer, and parliamentarian. He was also the winner of the Chain Gilt Award. He was a member of the Pennsylvania livestock judging team at Kansas City where he won a bronze medal. In 1976, he attended the national convention as a chapter delegate.

Long's farming program includes breeding swine, steers, and tobacco. He is a member of Habecker Mennonite Church and Sunday School, and is also a member of the youth group.

His future plans are to go into swine breeding and marketing.

John Myers

John Myers
Penn Manor
High School

John Myers is the son of Mr. and Mrs. A. Franklin Myers of Lancaster R6. The Myers' live on a 250 acre farm and raise corn, tobacco, wheat, barley, alfalfa, and feeder steers.

Myers, 17, a senior at Penn Manor High School, is a member of the Manor FFA Chapter. His projects for this year include one acre of tobacco and two acres of field corn and one-third ownership of a cow-calf herd which consists of 14 cows, 15 calves and one bull.

The Keystone Degree winner plays the trombone in his high school band and stage band. He is the president of his youth fellowship at the Willow Street United Church of Christ and is an Eagle Scout. In addition, he is a member of the Order of the Arrow.

The youth holds the office of sentinel in the Manor FFA Chapter. He is also a member of the FFA State Band.

Myers will attend the Penn State York campus next September and is planning to major in agricultural economics or agri-business.

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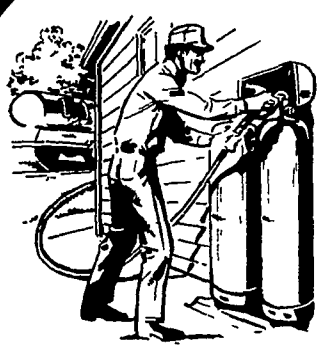

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Craig Harnish

Craig Harnish
Penn Manor
High School

Craig Harnish, 17, is the son of Mr. and Mrs. Carl G. Harnish, Lancaster R6 and a member of the Manor Chapter FFA.

Harnish has been active in his chapter, serving in the office of vice president in ninth grade, student advisor in tenth, and is currently president of his chapter.

In ninth grade he placed second in the poultry contest and won a trip to the national contest in Kansas City, Mo. As a sophomore he was a member of the meats judging team. His 11th grade trip to Penn State was in agriculture mechanics. He placed fourth and won a trip to the Eastern States Exposition in Massachusetts. At Eastern States he placed first in the ag mechanics contest.

Harnish has won two chapter foundation awards, one in poultry production and one in public speaking. He also received a silver medal in swine showmanship at the national convention in November.

He is presently working on his parents' farm, which includes broilers, hogs, and beef cows. Craig's program includes 300 capons per year, eight sows, four feeder pigs for Farm Show, and tobacco. He is presently building up a swine herd which started from a chain gilt he won in ninth grade. Craig enjoys agriculture and hopes to continue farming when he graduates.

James Risser

James Risser
Penn Manor
High School

Jim Risser, 17, the son of Mr. and Mrs. Samuel Risser, Lancaster R2, is a member of the Manor Chapter FFA.

His projects consisted of hogs and tobacco, with tobacco the main enterprise. Presently working on a 450 acre steer and tobacco farm, he has shown tobacco at local and state shows winning several ribbons.

An active member of the FFA Chapter, he has helped on several committees. Including the hunting committee for three years. He also participated in the creed contest in which he placed first in the chapter.

Risser, along with his classmates, went to the national convention in Kansas City, Mo. this year.

After graduation he plans to continue his work on the farm at which he is presently employed .

Bruce Landis

Bruce Landis
Penn Manor
High School

Bruce Landis, 18, the son of Mr. and Mrs. Jay E. Landis, is a senior at Penn Manor High School. He lives at Lancaster R6.

Landis has held the offices of vice president and student advisor. He has also received the Greenhand, Chapter, and Red Rose Degrees.

Active in contests, he has gone to the Penn State activities week where he was on a judging team that won a trip to Eastern States Exposition in Springfield, Mass. He also has been on numerous committees within his own chapter, along with winning many awards at local expositions.

His plans for the future include starting college next Fall, where he plans to major in health and physical education.

Richard Hunt

Richard Hunt
Penn Manor
High School

Rick Hunt, 16, is the son of Mr. and Mrs. Clyde E. Hunt, Millersville R1, and is a senior at Penn Manor High School.

Active in the chapter, he has held the offices of corresponding secretary and parliamentarian. Awards received were Greenhand degree in 9th grade, Chapter Degree in 10th, Red Rose Degree in 11th, and Keystone Degree in 12th grade. He also received honorable mention in meat judging at Penn State in 10th grade.

Since 9th grade he has had many projects such as tobacco, corn, turnips, steers, and hogs His main projects this year are tobacco and hogs. He is now employed on the farm of Mr. and Mrs. Melvin L. Shertzer, Millersville R1.

Hunt also belongs to the Masonville Mennonite Youth Group. His future plans are to continue employment on the farm of Melvin Shertzer.

Kevin Kilheffer

Kevin Kilheffer
Penn Manor
High School

Kevin Kilheffer, a senior at Penn Manor High School, has been active in the FFA. He is the son of Mr. and Mrs. Paul Kilheffer, Lancaster R2.

He held the office of reporter in ninth grade and again as a senior. He has also served on numerous committees and projects. His projects include market hogs, market lambs, sheep breeding, sweet corn, and honeybees. Presently he has 12 sheep and two hives of bees.

Kilheffer went along with other members of the FFA to the 1976 national convention at Kansas City, Mo. He entered the national showmanship contest and was awarded a silver medal.

Presently, he is working at Millersville Mennonite Cemetery, and works in partnership with his father.

Arthur Rice

Arthur Rice
Penn Manor
High School

Arthur "Skip" Rice, 17, son of Mr. and Mrs. William Rice, Lancaster R6 will be receiving his Keystone Farmer Degree at the annual Winter convention of the Future Farmers of America next Wednesday.

Rice has served as chapter sentinel, historian, and now chaplain. His projects consisted of hogs and steers which he showed at local fairs.

He has participated in judging competition, placing third in the state in poultry which won him a trip to Kansas City, Mo. He then received a bronze medal in national competition. This year Rice, along with his classmates, traveled to Kansas City for the national convention

He plans to further his education after high school graduation

Ray Caldwell

Ray Caldwell
Penn Manor
High School

Ray Caldwell, 17, son of Mr. and Mrs. Raymond Caldwell, Millersville R1, will receive his Keystone Farmer Degree on Wednesday.

Caldwell held the office of corresponding secretary in 1976-1977 and served on many committees. He received second place in ag. mechanics at Eastern States Exposition and attended the national FFA convention in Kansas City.

His projects consisted of two market hogs, five acres of tobacco, and seven acres of tobacco.

Caldwell's future plans for the present on the farm on which he is now working, which consists of two farms of 300 acres. Eighty acres of tobacco is raised there. In the future he would like to go into some form of ag. mechanics.

Jim Shirk

James Shirk
Warwick High School

Although James Shirk, 501 Newport Road, Lititz, was not raised on a farm, his vocational agriculture work has enabled him to become the recipient of the highest award the state can offer a Future Farmer of America, the Keystone Farmer Degree. He is a member of the Warwick FFA Chapter.

Shirk's major project through the years has been working on a dairy farm through his high school years. In ninth grade he also raised a beef calf.

Other awards include a dairy production award, a placement in agriculture production, a bronze medal for accurate record book keeping, and the 1976 Star Agri-businessman of Lancaster County.

In the Warwick chapter, he has held the position of treasurer for three consecutive years. In his junior year, he was the chairman of the earnings and savings committee. He has also participated in citrus sales and donkey basketball games.

Along with other members from the chapter, he traveled to Kansas City, Mo., for the FFA national convention.

Extracurricular activities include membership in the youth chapter of the John Birch Society and activities with the church

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Kenneth Burkhart

Kenneth Burkhart
Garden Spot
High School

Kenneth S. Burkhart is the 18-year-old son of Mr. and Mrs. Stanley Burkhart of Denver R1. He is a 1976 graduate of Garden Spot High School and has been an active member of the Grassland Chapter for three years, serving on various committees including the Public Relations committee. He served as the chairman of that Committee. Burkhart was vice-president of the ninth grade FFA. He has participated in county and state livestock judging contests, and was a local delegate to the county Co-op Day. His record book has earned him a silver medal at the county, and gold medal at the state contest.

Burkhart's projects included market lambs and breeding sheep. He exhibited at several shows in the county including Ephrata, Manheim, and Lampeter. He also showed at the Keystone International Livestock Exposition where he placed 9th and 11th.

Work experience was the area in which he earned the Keystone Degree. He has worked for four and a half years for A. Roy Landis in a combination nursery-greenhouse as a greenhouse assistant. He is presently employed at Kurtz's PreCast Corportion, Denver, R3.

Burkhart's activities outside the FFA included school chorus, church choir, and youth group. He is a member of St. Paul's United Church of Christ.

Arlan Kurtz

Arlan Kurtz
Garden Spot
High School

Arlan Kurtz is the 18-year-old son of Mr. and Mrs. Norman Kurtz, Morgantown, R1. He is currently serving as the student advisor of the Grassland FFA Chapter.

Kurtz has participated in local and county FFA activities including judging field days, county Co-op Career day, and leadership training conference. His local activities include meats judging, small gas engine, farm mechanics, and tractor driving contests.

Kurtz was a local delegate to the National FFA Convention. He has served on several committees including banquet (ticket), earnings and savings, and seed sales. Last year he served as chairman of the earnings and savings committee.

Kurtz's projects have included a dairy heifer, corn, alfalfa, veal calves, and work experience. His activities outside of the FFA include high school orchestra, Sunday School secretary, and youth group member. Kurtz is a member of the Churchtown Mennonite Church.

Linford Weaver

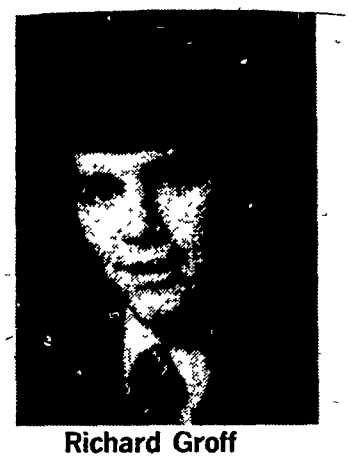
Linford Weaver
Garden Spot
High School

Linford Weaver, the son of Mr. and Mrs. Chester M. Weaver, Jr., is a senior at Garden Spot High School where he also is president of the Grassland FFA Chapter. He presently works on his father's farm which is now farmed by his brother-in-law. The operation consists of approximately 100 acres, and 60 head of Holstein dairy cows.

Most of Weaver's projects consist of livestock. He raises approximately 70 head of swine and also 15 acres of corn and two and a half acres of alfalfa.

The Keystone Degree winner has been active in FFA activities over the past three years. He has served on various committees, and also competed in different contests. He was a member of the parliamentary procedure team which competed at county, area, and regional contests. In his junior year he was the winner of the Lancaster County FFA public speaking contest and went on to be first runner-up in state competition. He was a member of the state FFA chorus and attended the national convention in Kansas City, Missouri, in November.

In his junior year, he served as vice-president of the Grassland FFA chapter, and is currently serving, along with his chapter activities, as vice-president of the Lancaster County Red Rose Chapter. He is a member of the Weaverland Mennonite Church and youth group.



Richard Groff

Richard Groff
Garden Spot
High School

Richard L. Groff is the 18-year-old son of Mr. and Mrs. John R. Groff of Leola and member of the Grassland FFA where he served as sentinel. The Keystone degree winner was active on the parliamentary procedure team, serving as reporter. He also placed second in the junior public speaking contest.

Groff attended the state summer convention three times, participating in tractor driving, livestock judging were he won a silver medal, and dairy judging where he also won a silver medal. Groff was a county delegate to PAFC and a state delegate to AIC held at Blacksburg, Va. He also served as county delegate to the Red Rose Association and was awarded the Red Rose Degree. Groff also exhibited dairy animals for two years in county, district, and state shows.

His activities outside the FFA included New Holland 4-H Baby Beef Club for seven years, North Central 4-H Tractor Club for two years, and Carpenter's Mennonite Youth Group where he has held the office of Treasurer. Groff's projects have included four dairy animals, six steers, and field corn. His future plans call for working at home on the family farm which is a 90 acre dairy crop farm.

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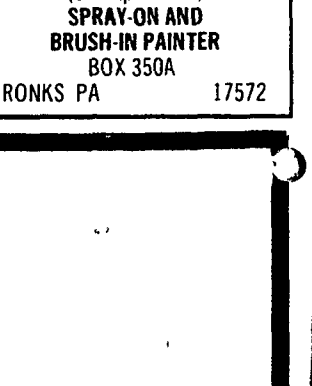

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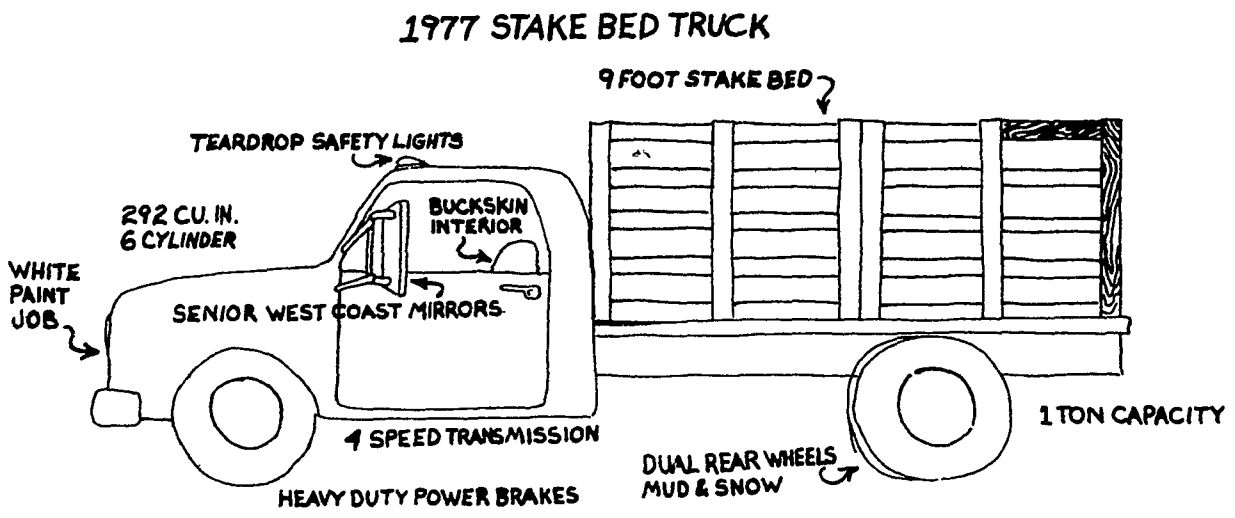

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Derrill Nolt

Derrill Nolt
Garden Spot
High School

Derrill Nolt, age 18, son of Mr. and Mrs. Henry M. Nolt, New Holland R3 will become a Keystone Farmer on January 12 at the Future Farmers of America state convention. Nolt was a medal winner at Penn State in land judging, and also served on various F.F.A. committees. He received the Star Green Hand Degree, Red Rose Degree, and won the county calf and chapter hog. Nolt served as treasurer on the parliamentary procedure team which won first place in the area contest. He also was the recipient of ribbons with dairy heifers, swine, corn, and wheat. His farming program consisted of beef fattening, swine, and veal calves.

Nolt is a member of the Pequea Mennonite Church and the youth group chorus. He presently works at Conestoga Wood Products.

Dean Weiler

Dean Weiler
Garden Spot High School

Dean Weiler, age 17, is the son of Mr. and Mrs. Mervin Weiler of Morgantown R1. The Keystone Farmer is pesently working as a DHIA milk tester's assistant.

A member of the Grassland FFA chapter, he is presently serving as treasurer of the group. Weiler previously served as second vice-president and was a delegate to the National FFA Convention in Kansas City, Mo.

Serving on numerous committees, he was chairman of the banquet menu and recreation committees, and a member of several others.

On the national level, the young man has placed sixth in the lincoln arc welding contest. On the state level, Weiler placed fifth in the small gas engine contest, and also received a gold medal for his record book. In county and area contests, he won the farm mechanics contest, a PAFC scholarship award, and was pesident of the chapter parliamentary procedure team which placed first. In chapter contests, he won the meat judging contest and also won the Ag Mechanics Foundation Award and was named Star Red Rose in his chapter.

Weiler is a member of National Honor Society at Garden Spot High School, and is also on the wrestling team. He is an active member of the Churchtown Mennonite Church Youth Group.

Bret Finney

Bret Ray Finney
Garden Spot
High School

Bret Ray Finney, a senior at Garden Spot High School, is the son of Mr. and Mrs. Donald Finney of New Holland, Pa. A member of the Grassland FFA Chapter, he has been involved in environmental agriculture for six years.

At present Finney runs a 12 stall horse boarding stable where he shares the work with his younger brother. He also works for the Kar-Fin Cart Company, Blue Ball, where he is a welder. A third place of employment is the Kar-Run Saddle Shop located in Blue Ball. Here he works as a salesperson and stock boy.

In the future he intends to stay working with all three of his present places of employment. He is also becoming involved with standard bred harness racing both at tracks and in training at the stables.

The Keystone Farmer is also a member of the Rancks United Methodist Church.

Elizabeth Herr

Elizabeth Herr
Garden Spot
High School

Elizabeth W. Herr, the daughter of Dr. and Mrs. Robert D. Herr, Narvon R2, is a senior at Garden Spot High School and will be receiving the Keystone Farmer Degree this Wednesday at the Winter forum of the Future Farmers of America.

Miss Herr's project over her four years in the FFA has been with market lambs. Her awards in this area include various championships at the Manheim and Ephrata Fairs, the Keystone Exposition, and the Pennsylvania Farm Show. Awards in fitting and showmanship include champion fitter and -or showman in 1973, '74, '75, and '76 at the Ephrata and Manheim Fairs.

Her activities in the FFA include the vice presidency of the Grassland FFA Chapter for two years; membership on the executive committee and the banquet committee; and participation in the creed, public speaking, and record book contests. She won gold medals in the 1974 and 1975 state record book contests and was a chapter winner in the creed contest and a regional participant in public speaking. She also won the FFA Foundation awards in sheep production and public speaking.

Miss Herr's interests outside of the FFA lie with sports and student government. She has participated on the gymnastics team, track team, and the crosscountry team during her highschool years. She is also in student government, having served as class treasurer for three years. She is also a National Merit Scholar semi-finalist.

She will be attending Penn State University, main campus, in the animal science program to become a veterinarian.

Bruce Kreider

Bruce Kreider
Solanco High School

Bruce Kreider, son of Mr. and Mrs. Ellis Kreider of Quarryville R1, is a senior at Solanco High School. He is currently serving as the Solanco chapter president.

His activities in FFA include dairy judging, parliamentary procedure, and public speaking. He is active in the Solanco dairy club and participated in the World Dairy Expo judging contest at Madison, Wisc. He has also placed in the Rural Youth Contest at the Solanco Fair. His projects are dairy and corn.

In school, he is a member of the National Honor Society and was a National Merit Commended student. He is a member of Mechanic Grove Mennonite Church and is vice president of the youth group. After graduation, he plans to attend college in a field of agriculture.

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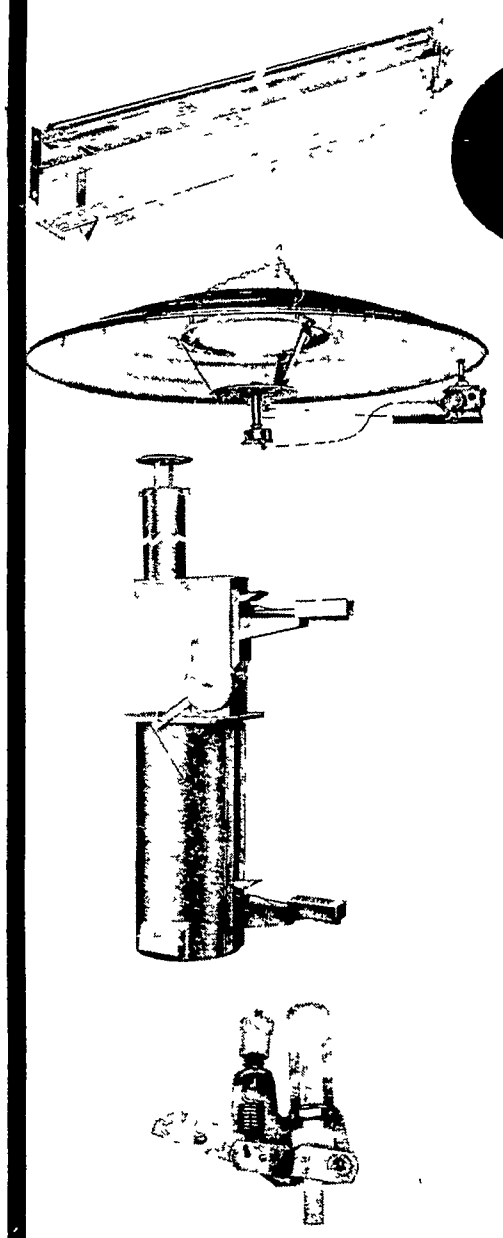

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Vickie Warfel

Vickie Warfel
Solanco High School

Vickie L. Warfel, 17, Quarryville R1, daughter of Mr. and Mrs. George M. Warfel, is a senior at Solanco High School.

She is presently serving as vice president of the Solanco FFA chapter, and is also serving as recording secretary of the Red Rose County FFA chapter. She has participated in state and local livestock judging contests.

Miss Warfel's production program consists of steer, hog, and dairy production. Other production projects were corn and tobacco. She is presently working on her parents' farm.

She has participated in county public speaking contests and placed third. She was also runner-up in the Red Rose Degree.

Miss Warfel is a member of Chestnut Level Presbyterian Church. Her future plans are to become a successful farmer

Jim Krantz

Jim Krantz
Solanco High School

Jim Krantz, 17, son of Mr. and Mrs. Willis B. Krantz, Quarryville, R1, is currently a senior at Solanco High School. He has received two varsity letters in both basketball and baseball. Krantz is also a member of the National Honor Society.

His projects include dairy animals and corn, and he has participated in many FFA contests and activities. He's also attended the National FFA convention in Kansas City this past Fall.

After graduation Jim plans on working with his father to expand their present 200 acre, 45 cow dairy operation.

Lee Ferguson

Lee Ferguson
Solanco High School

Lee Ferguson, son of Mr. and Mrs. Louis S. Ferguson, Kirkwood R1, is a senior at Solanco High School. He is presently the photographer of the Solanco FFA. His projects have included two Holstein heifers and two Brown Swiss heifers. Ferguson is also on the work experience program and is working at A.L. Herr & Bro., Quarryville, Pa. He is a member of Union Presbyterian Church, and his future plans are to become a radio announcer.

Richard Drumm
Solanco High School

Richard C. Drumm, Jr., 17, Kirkwood R1, son of Mr. and Mrs. Richard C. Drumm, is a senior at Solanco Senior High School. He has participated at State FFA Week in June where he won first place in soil judging, and will now go on to national competition at Oklahoma this Spring. At present he is serving as chaplain in the chapter. He is also active in Dairy Club. Some of his projects were:

Richard Drumm

one acre of alfalfa, three acres of corn, one steer, and eight Holstein heifers.

He plans to farm with his parents after graduation.

Thomas Jackson

Thomas Jackson
Solanco High School

Thomas R. Jackson, 18, son of Mr. and Mrs. J. Richard Jackson, Quarryville R2, is presently a senior at Solanco High School.

He is currently serving as vice president of the Solanco FFA chapter, and has participated in many contests and activities. The Keystone Degree winner placed second in the state land judging contest last Summer and will be traveling to Oklahoma this Spring to participate in the national land judging contest.

Jackson's projects included three steers, which were shown at the Solanco Fair during his sophomore, junior, and senior years, and two acres of tobacco.

He is a member of the Little Britain Presbyterian Church and will continue farming with his father after graduation.

Kenneth Wiker

Kenneth Wiker
Solanco High School

Kenneth Wiker, 17, is the son of Mr. and Mrs. Lester Wiker, Holtwood, R2, and is currently a senior at Solanco High School where he was a member of the baseball team. He served as reporter for the Solanco chapter in 1974-76. Wiker has been in many activities and contests including state land judging at Penn State convention in Kansas City this past Fall.

His projects include dairy animals and four acres of corn.

A member of the New Providence Mennonite Church, he plans to stay in agriculture after graduation.

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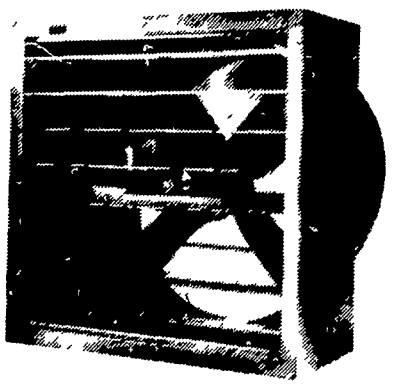

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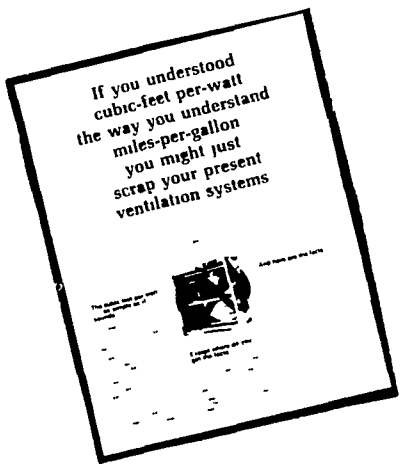

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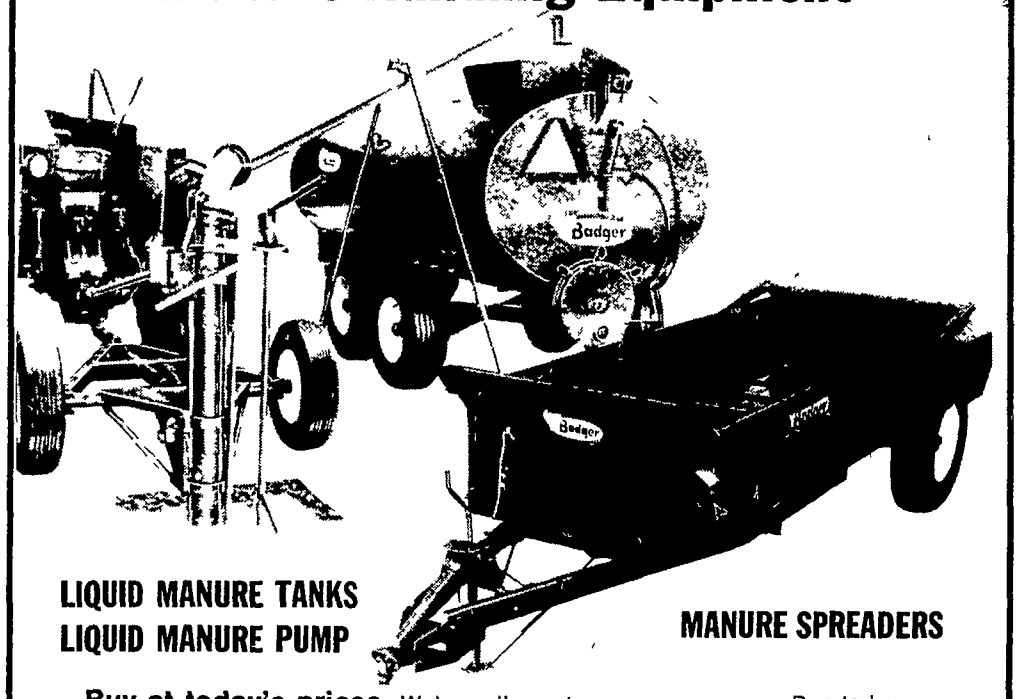

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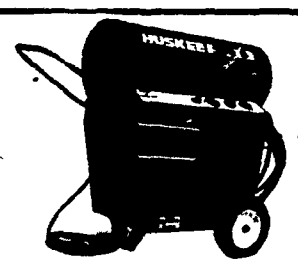

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Robert Zander

Robert Zander
Solanco High School

Robert G. Zander, 17, is the son of Mr. and Mrs. J. Carl Zander, Kirkwood R1, and is a senior at Solanco High School. His projects consist of a dairy herd of one cow and one heifer, corn, swine, poultry, and sheep. His ewe won the grand championship at two fairs this past season. He has been chairman of the pheasant raising committee and participated in land judging at county and state levels. He has also attended the 1976 National FFA Convention at Kansas City, Mo.

After graduation he plans to continue to work in farming.

David Walker
Manheim Central
High School

David Walker is the son of Mr. and Mrs. Carl Walker, Manheim. As a member of the Manheim FFA Chapter and a senior at Manheim Central High School, Walker presently holds the office of chapter chaplain.

Walker attended the National FFA Convention in 1975, and received the Foundation Award for placement in Ag. Production in 1974 and 1975.

Walker's projects include swine finishing and work experience. At present he is employed at Hartenstine's Fabricating Shop, Lititz.

Dale Martin

Dale Martin
Manheim Central
High School

Dale Martin, the son of Mr. and Mrs. Roy B. Martin, Manheim R4, will receive his Keystone Farmer degree on January 12. His farming program consists of six breeding sheep, and he is involved in a work experience program with his parents at a nearby market.

Martin is active in the Manheim Farm Show, working in the Children's Barnyard and the float. He also attended the 1975 national FFA convention in Kansas City. His project book has won silver medals in state competition.

He is a member of the Gantz Mennonite Church and is active in the youth group.

Larry Hershey

Larry Hershey
Manheim Central
High School

Manheim Central's FFA sentinel is Larry Hershey, son of Mr. and Mrs. Donald Hershey, Manheim R6. His activities have included many local, county, state, and national activities, and he has participated in dairy shows on most levels. In 1975, he attended the national FFA convention at Kansas City and in 1976 the national leadership training conference at Washington D.C. He also placed high individual in the 1976 county tractor driving contest.

He presently is involved in the on-farm work experience program. His projects include dairy animals, hogs, steers, and crops. He plans to continue working in a partnership with his father after high school.

He is also a member of Congregational Bible Church youth group.

Dennis Kulp

Dennis Kulp
Manheim Central
High School

Dennis Kulp is the son of Mr. and Mrs. Robert E. Kulp, Manheim R1. A member of the Manheim FFA Chapter and a senior at Manheim Central High School, he holds the office of chapter secretary this year. He previously held the office of reporter.

Kulp attended the national FFA leadership training conference this past summer and the national FFA convention in 1975. He has won gold medals in project book contests at the county and state levels. Kulp placed fifth in the state meat judging contest in 1975 and 13th in the state dairy judging contest in 1976. He was second dairy and overall judge in the county this year.

Kulp's projects include a dairy herd and five acres of tobacco. He plans to continue increasing his dairy herd.

He is a member of the Manheim Grace Brethren Church and a member of Who's Who Among American High School Students.

David Keller

David Keller
Manheim Central
High School

David Keller is the son of Mr. and Mrs. Lloyd B. Keller of Lititz R2. As a member of the Manheim FFA Chapter and a senior at Manheim Central High School, Keller is president of the local FFA chapter this year. He previously held the office of treasurer.

Keller attended the national FFA convention at Kansas City in 1975 and has also attended many state FFA conventions. He has won gold and bronze medals in land judging contests on the state level.

Keller started out his FFA projects with 33 fattening hogs and currently owns 30 sows and one boar. He plans in the future, to become a farming partner with his father and brother.

Keller is a member of the Erbs Mennonite Church and also a member of the Erbs Mennonite Youth Fellowship group.

Steve Hershey

Steve Hershey
Manheim Central
High School

Steve Hershey, a senior agriculture student at Manheim Central High School, is the son of Mr. and Mrs. Bruce Hershey, Manheim R3.

Hershey now holds the office of chapter vice president. He served as secretary in 1974-75 and chaplain in 1973-74. He placed well in county activities in creed, speech, and meat judging contests, and captured a bronze in the state contests of meat judging and dairy judging at Penn State University. He attended the National FFA Leadership Training conference in Washington D.C. in 1975.

Hershey's supervised farming programs over the past four years have consisted of veal raising, corn raising, and dairy herd projects.

His plans are to work with his father and eventually take over the family farm. Hershey enjoys writing poetry and hopes to expand this interest.

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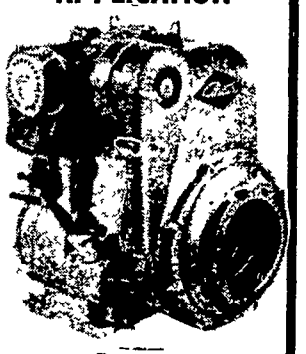

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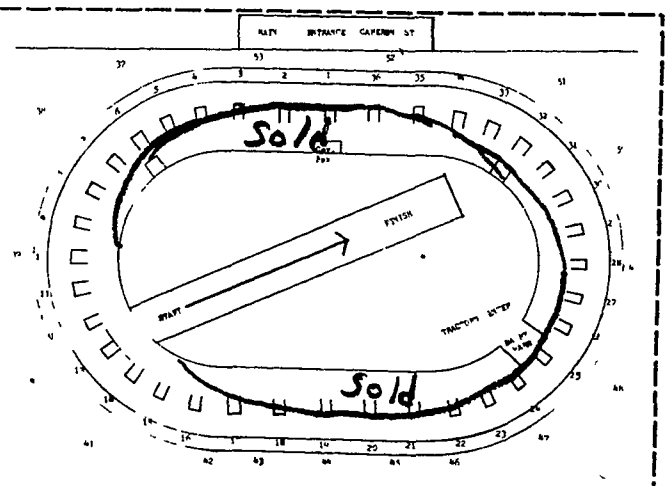

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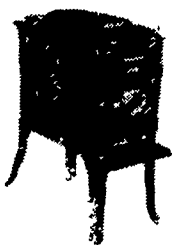

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Elvin Weaver

Elvin Weaver
Pequea Valley
High School

Elvin Weaver, age 18, is the son of Mr. and Mrs. Enos Weaver of Kinzers, Pa. Over the last four years his projects have included swine fattening, several dairy animals, tobacco and diesel mechanics as work experience.

He has served on several committees and was student advisor in his sophmore year. The awards he has received include Star Greenhand, Star Chapter Farmer, Swine Marketing Proficiency award. and Star Red Rose from his chapter.

After graduation this spring Weaver plans to continue working as a diesel mechanic at the Queen Road Repair Shop in Intercourse, Pa.

He is a member of the Pequea Mennonite Church.

Dale Miller

Dale Miller
Pequea Valley
High School

Dale Miller, son of Mr. and Mrs. Glenn G. Miller, Gap, lives and works on the family's 117 acre, 75 head dairy farm. His FFA projects have included beef finishing, dairy animals, capons, and swine finishing.

Miller served as secretary of the Pequea Valley FFA Chapter in his sophmore year and as president in his junior and senior years. He is presently serving as the Lancaster County FFA chaplain.

The newly named Keystone Farmer has been very active in various FFA activities. The awards he has received include first place in the area tractor driving contest, first place in orange sales, Chapter Star Farmer, and two livestock and poultry proficiency awards. He has also served on the school's Student Council for two years and is now acting president of the Calvary Monument Bible Church Senior High Word of Life Club.

After graduation from Pequea Valley High School this Spring, Dale plans on working full time with his father on their dairy farm.

Dwight Eshleman

Dwight Eshleman
Lampeter-Strasburg
High School

Dwight Eshleman, age 17, the son of Mr. and Mrs. Clyde F. Eshleman of South View Road, Lancaster, is a senior at Lampeter-Strasburg High School. He is one of Lancaster County's FFA members receiving Keystone Degrees on Wednesday of Farm Show week.

Eshleman is presently serving as president of his local chapter and as sentinel of the county FFA chapter. He participated in livestock judging in 1975 and land judging in 1976 during activities week at Penn State, and was a member of the county softball team.

His projects include both tobacco and work experience. He is employed by Donald Herr, a dairy and tobacco farmer of South View Road, Lancaster. Dwight hopes to continue working in agriculture after graduation.

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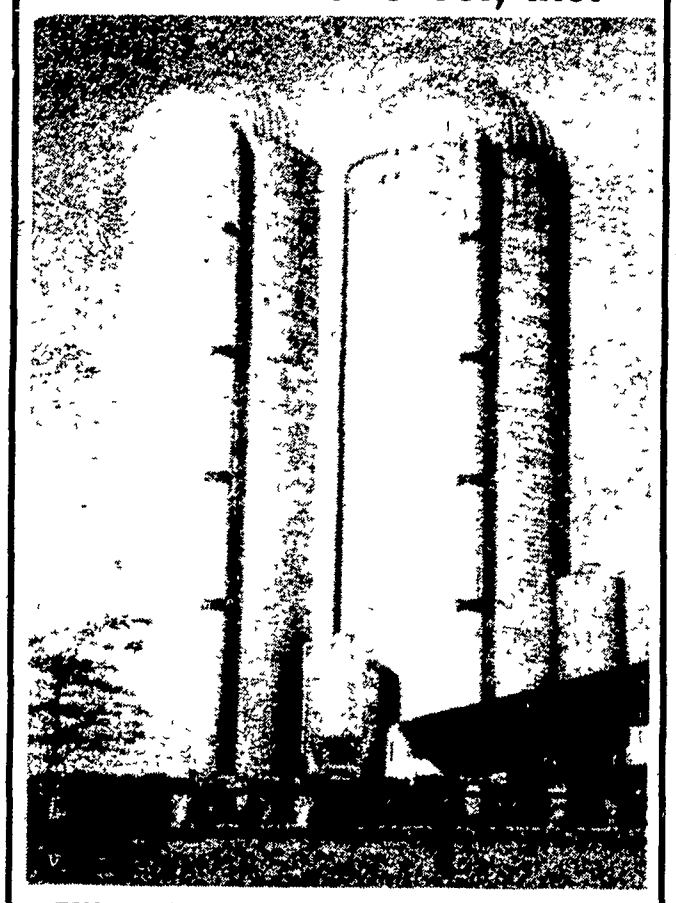

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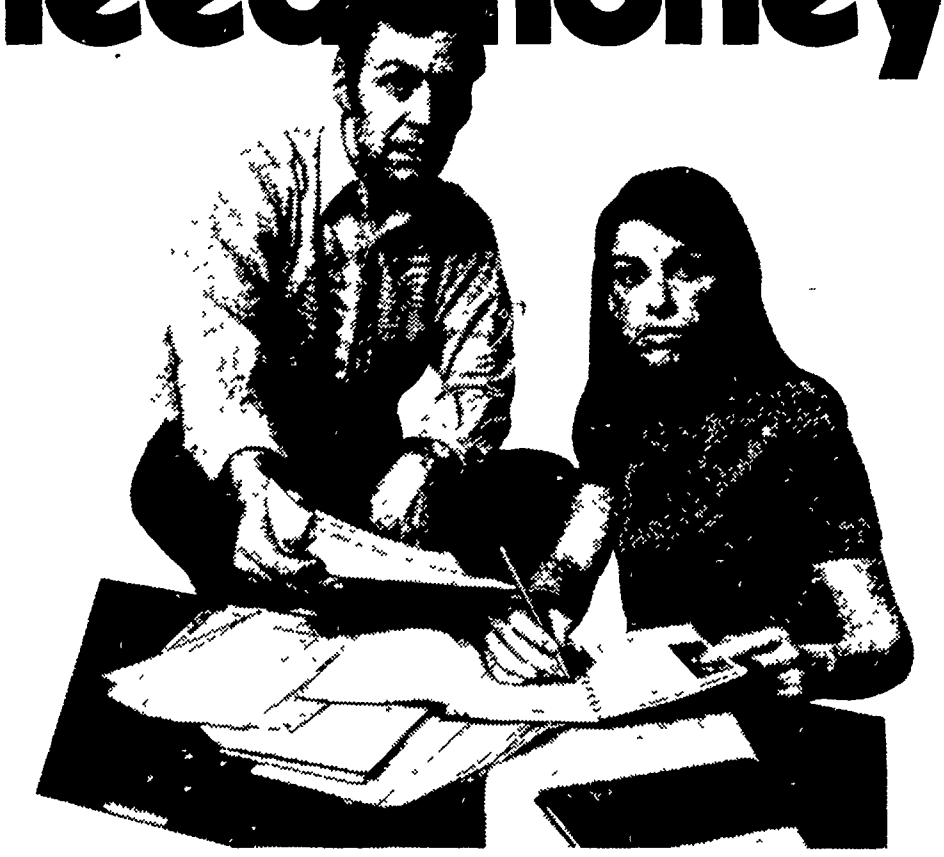

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MEMBER F D I C

FFA'ers receive

Ronald Forrey

Ronald Lee Forrey
Elizabethtown
High School

Ronald Lee Forrey is the son of Mr. and Mrs. Oscar Forrey, Elizabethtown R1. In his FFA experience, Forrey has held the offices of treasurer, vice president, and county reporter.

Awards he has received over the years include Star Greenhand, Star Chapter, and Star Red Rose. He has also won a silver medal for his project book at the county level and a bronze medal in the state competition.

The Keystone Farmer's projects include swine breeding, swine fattening, corn, tobacco, and a heifer.

Last summer he traveled to Germany for his local chapter on the WEA program.

Some of Forrey's interests aside from farming are football and wrestling. He has his varsity letter in both.

His future plans are to go to college to study agriculture and to be a manager of a swine farm and-or start his own operation.

Jeffrey Aungst

Jeffrey Lynn Aungst
Elizabethtown
High School

Jeffrey Lynn Aungst is the son of Mr. and Mrs. Hiram S. Aungst, Elizabethtown R1. He will be receiving his Keystone Farmer Degree this Wednesday at the Future Farmers of American Winter convention.

The offices that Aungst has held in FFA are assistant sentinel, sentinel, and president of the Elizabethtown FFA Chapter.

He has received the Star Chapter Farmer award along with the other degrees required to work up to the state degree. He also received an award in dairy judging and was the third place winner in the county small engine contest. In the state project book contest he received a gold medal.

The Keystone Farmer's FFA projects are two dairy cows, four dairy heifers, corn, and wheat.

Outside interests for Aungst include the Word of Life Chapel Youth Group in which he is the president.

Aungst's tentative future plans are to continue farming with his father on their 54 acre dairy farm. They also rent 90 additional acres.

Larry Gross

Larry Gross
Northern Lebanon
High School

Larry Gross, the son of Mr. and Mrs. Howard B. Gross of Meyerstown R3, is a senior at Northern Lebanon High School and will receive his Keystone Farmer Degree this year. His two brothers received their Keystone Farmer Degrees in 1966 and in 1972.

Gross has been enrolled in vo-ag classes and has been a member of the Northern Lebanon F.F.A. for four years.

He participated in the Greenhand creed contest and the quiz contest on the county level. He also participated in a land judging contest and the project book contests on the county level.

On the state level, he has received gold medals in a number of project book contests. He has also presided over three state gold award winning parliamentary procedure teams.

Gross attended the National F.F.A. Convention in Kansas City during 1974 and this past summer traveled to Washington D.C. to attend the National Leadership Training Conference.

He is now serving as president of the Northern Lebanon F.F.A. chapter and as secretary of the Lebanon County chapter. In the past he has held the offices of assistant reporter and as sentinel of his local group.

Arthur Sweinhart

Arthur Sweinhart
Northern Lebanon
High School

Arthur Sweinhart, a senior at Northern Lebanon High School, is the son of Mr. and Mrs. Harold Sweinhart, Fredericksburg R1.

He enrolled in the agriculture class in his freshman year, and has

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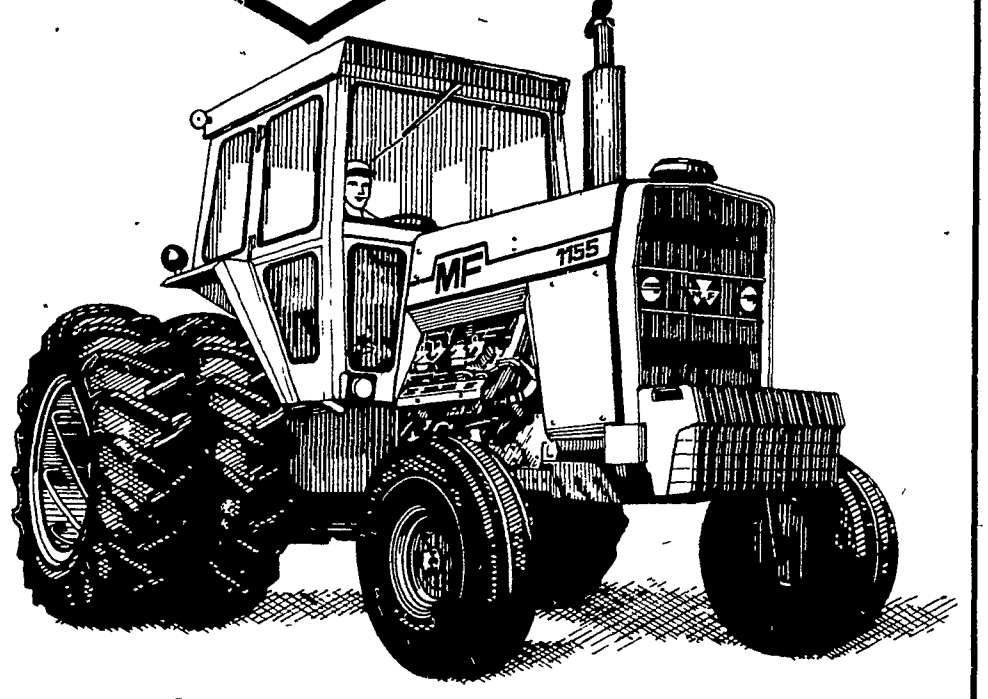

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FFA'ers receive

served as chapter secretary and is currently serving as vice president.

His projects include a dairy herd consisting of about 18 head of registered Holsteins, field corn, oats, rabbits, cavies, strawberries, fattening steers, and finishing hogs.

Sweinhart has been a member of the state gold medal parliamentary procedure team for the past three years. He also has had three gold medal project books at the state level. He has been a member of the state chorus, as well.

Sweinhart has participated in the local and county greenhand quiz and creed contest and was chosen as Northern Lebanon's Star Greenhand.

Activities other than FFA include junior and senior class president, student council vice president, president of the Fredericksburg Community 4-H Club, and president of the Norlebco 4-H Dairy Club. He is a member of the National Honor Society and Who's Who Among American High School Students. Sweinhart is a member of the chorus and church choir as well as a member of the cast for the junior and senior class plays and Northern Lebanon Spring musicals.

His future plans are to attend Penn State University and eventually become an agriculture lawyer or agriculture advisor to the United Nations.

Rick Boltz

Richard Boltz
Northern Lebanon
High School

Richard Boltz, son of Mr. and Mrs. Richard M. Boltz, Fredericksburg, R1, is a senior at Northern Lebanon High School and has been named a Keystone Degree winner. He is currently serving as NorLebCo's chapter sentinel. He also served as assistant treasurer for his chapter in 1975.

Boltz began his farming enterprise during his freshman year with a steer and a dairy heifer. Later he bought three pigs, sold them, and bought three more. He now owns a dairy heifer.

During the past year, he was employed half days at Layser's Flower Shop in Myerstown, Pa., through the Vo-Ag work experience program.

He participated in county FFA softball and basketball games and was a defensive guard on the Northern Lebanon high school's football team. He judged livestock in the county and also in state activities.

In various contests, Boltz placed first in the county with his project books and received a gold medal in the state contest. He also showed his dairy heifer at county and area shows.

His future plans are to continue working at Layser's Flower Shop.

Michael Shuey

Michael Shuey
Northern Lebanon
High School

Michael S. Shuey, the son of Mr. and Mrs. Thomas D. Shuey, Sr., Annville R2, is a senior in the Northern Lebanon High School and is the third son in his family to receive the Keystone Farmer Degree. His older brothers Thomas and Robert received their degrees in 1971 and 1973.

Shuey is enrolled in the agriculture curriculum and has been active in the FFA for four years.

He has now three dairy heifers, 17 fattening hogs, 20 acres of corn, 30 acres of wheat, and 20 acres of alfalfa.

He has participated in state band, land judging, tractor driving and has been showing livestock at local and district shows.

He also shows hogs at the state farm show. With corn at the county level, he has placed in several catagories.

In 1975 he attended the national FFA convention.

He has also participated in the project book contest and placed second in his sophomore year and second in his junior year.

His future plans are to go in to a partnership with his father, and possibly owning a farm of his own. He also plans on continuing his present side-line job of catching chickens.

Robert S. Martin

Robert S. Martin
Eastern Lebanon
High School

Robert S. Martin, the son of Mr. and Mrs. Robert S. Martin, Myerstown R2, will receive the Keystone Farmer Degree this week at Harrisburg. He is a member of the Eastern Lebanon FFA Chapter.

Over the years Martin was involved in Penn State judging contests, the chapter parliamentary procedure team, state and county project book contests, creed contests, the Greenhand quiz, and FFA baseball and basketball teams.

He also held the offices of chaplain and vice president of the local chapter, and served as reporter of the Lebanon County FFA association.

In the supervised farming program Martin has had a dairy heifer, swine fattening, field corn, and guinea pigs.

The newly named Keystone Farmer also won the chapter Star Farmer award in 1975-76, and participated in the county tractor driving contest, placing third in 1973-74 and second in 1974-75. Martin also attended the national leadership training conference held in Washington D.C.

His future plans are to remain farming on the family operation.

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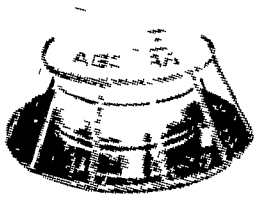

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Kirby Horst

Kirby Horst
Eastern Lebanon County
High School

Kirby Lynn Horst, the son of Mr. and Mrs. Irwin B. Horst of Newmanstown, Pa., has earned the Keystone Farmer Degree of 1977. A member of the Eastern Lebanon FFA Chapter, Horst is the current vice president of his local chapter. He also held the positions of reporter and president in his four years with the organization.

On the county level, he has served as chaplain in previous years and this year was chosen vice president.

Over the years he has participated in parliamentary procedure and dairy judging, and in July took part in the National FFA leadership training conference in Washington, D.C. Last year he received a gold medal in the state project book contest.

Horst's farming project consists of 17 registered Holstein cattle. He also raises alfalfa and corn as projects. The Keystone Farmer has shown his cattle at several local, district, and state shows over a period of the last seven years.

In addition to Horst's FFA activities, he's also been a member of 4-H for seven years, director of the Lebanon-Dauphin County Junior Holstein Club, and a member of the Heidelberg Church of the Brethren where he sings in the youth mixed choir and is the youth fellowship vice president.

After graduation, Horst plans to go into partnership with his father on the family's 115 acre dairy farm.

Robert Copenhaver

Robert Copenhaver
Cedar Crest
High School

Robert Copenhaver, vice president of the Cedar Crest FFA Chapter, will be receiving his Keystone Farmer Degree on Wednesday of the coming week. He is the son of Mr. and Mrs. Jesse E. Copenhaver, Lebanon R4.

Prior to holding the office of vice president, Copenhaver was in the position of chaplain for his local group.

At present, he is on the leadership and supervised farming committees.

His farming projects are raising a dairy heifer, field corn, and swine fattening. As part of a co-op program with Cedar Crest, Copenhaver works on his home farm for part of the day.

A member of the Manheim Church of the Brethren, he is active in the youth group.

His plans for the future are to be a dairy farmer.

Scott Balsbaugh

Scott Balsbaugh
Cedar Crest
High School

Scott Balsbaugh, age 17, the son of Mr. and Mrs. Amos Balsbaugh, Jr., will be receiving his Keystone Farmer Degree on Wednesday of Farm Show Week at Harrisburg.

Balsbaugh lives on a 100 acre farm and is employed by San-Bo Dairy Farm.

In the Cedar Crest Chapter of the FFA, he is serving as treasurer. Last year, Balsbaugh held the office of vice president of the group and as sentinel for the county.

At present he is on the recreation committee and earnings and savings committee.

Work-experience and corn are his projects. He is also a member of the Midway Church of the Brethren.

Robert Adams

Robert Adams
Cedar Crest
High School

Robert Adams, 2002 Jay Street, Lebanon, is a member of the Cedar Crest FFA. His projects through the last four years have been conservation, horse records, swine fattening, and work experience in a restaurant. He has been chairman of the conservation committee in his organization for two years.

He also began a tree project on Veterans' Administration land, which contains over 1000 trees.

In the future, he plans to go into the Army for a period of time, after which he would like to become a dairy farmer.

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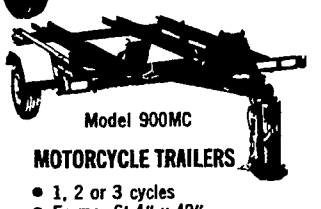

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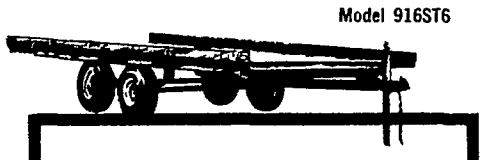

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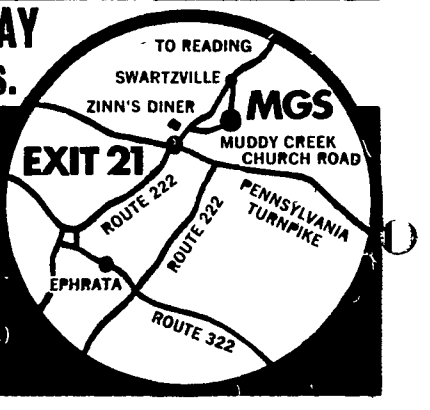

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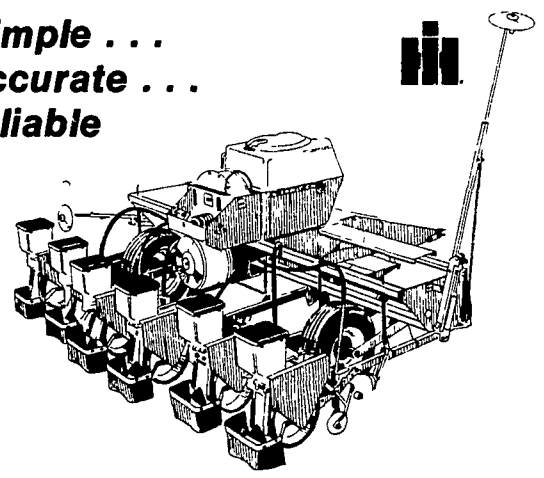

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Mark Pajski

Mark Pajski
Cedar Crest
High School

Mark J. Pajski, the son of Mr. and Mrs. Mark Pajski, Lebanon R2, is a senior at Cedar Crest High School. At present, he is the chapter parliamentarian and the Lebanon County treasurer.

The newly named Keystone Farmer has won numerous awards in this FFA career including a gold medal from his project book at the state level, Star Agribusinessman for two consecutive years, and the Lebanon County Farmer Degree.

Pajski is also active in various contests, participating in soil judging, interview contest, and Chapter tractor driving contest.

At present, he is employed at Weaver's Lebanon Bologna in the packing department.

Jay Bomgardner
Annville-Cleona
High School

Jay Bomgardner, the son of Mr. and Mrs. Victor Bomgardner, Annville, has been awarded the Keystone Farmer Degree for his work over the past four years in the Future Farmers of America.

Jay Bomgardner

At present, Bomgardner is the president of the Little Dutchmen FFA Chapter of Annville-Cleona High School and the Lebanon County president as well.

His farming projects include dairy herd, swine herd, alfalfa hay, and corn. The dairy herd consists of two milking cows, a heifer, and two calves. The Keystone Farmer's swine herd consists of 11 sows and several gilts. The corn and hay projects are six acres of each.

Over the past four years, Bomgardner has accumulated a number of achievements including proficiency awards in crop production, public speaking, and swine production. He has also received the chapter scholarship award for two consecutive years. In the quality division of the county corn contest he took first place for two years, straight.

Bomgardner has been active on parliamentary procedure teams. In his ninth grade year his team placed second in the county, second in the area, and fourth in the region. The following year his team reached state finals.

His project books have also won him recognition with a gold medal at the state level. And, during his freshman year he took first in state livestock judging which earned him a trip to Kansas City.

In his chapter he has held the positions of reporter, chairman of the field committee, and member of the public relations committee.

The Keystone Farmer's future plans include going into partnership with his father and two brothers, farming 400 acres and milking 107 cows.

James Wampler

James Wampler
Annville-Cleona
High School

James Wampler, the son of Mr. and Mrs. Warren Wampler, Lebanon R4, will be receiving his Keystone Farmer Degree on Wednesday of the coming week at the FFA winter forum in Harrisburg.

Wampler has been the treasurer for the Little Dutchmen FFA for three years. He has also been a member of the parliamentary team since his freshman year. During Wampler's sophomore year, the team went to state finals.

In his freshman year, he participated in the county speech contest and took sixth place. In his sophomore year, he won a purebred Holstein calf from the Annville-Cleona Kiwanis Club for an essay he wrote.

Wampler's major project through his four years has been a dairy herd. Since he was raised and lives on a dairy farm, this is his main interest. He plans to stay on the farm after school and hopefully own his own operation someday.

Arthur Noss

Arthur Noss
Conrad Weiser
High School

Arthur Noss is the son of Mr. and Mrs. George Noss of Wernersville R3.

Noss received his Keystone Degree for his work on his father's 600 acre livestock farm. The Noss's raise steers, yearlings, beef cows, feeder and market pigs. Noss's job on the farm is to manage the cattle and raise field crops.

In his four years of agriculture at Conrad Weiser High School, he has participated in parliamentary procedure, livestock judging, and land judging. He has served as sentinel and vice-president of his FFA Chapter, and currently is serving as president of his FFA Chapter.

His future plans are to continue working on the farm, with an eventual partnership with his father.

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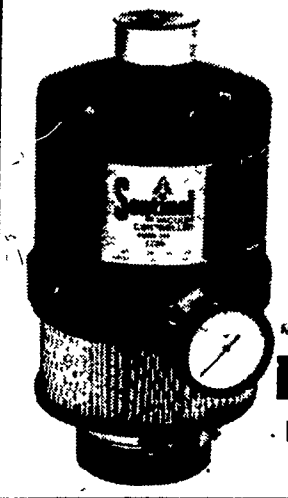

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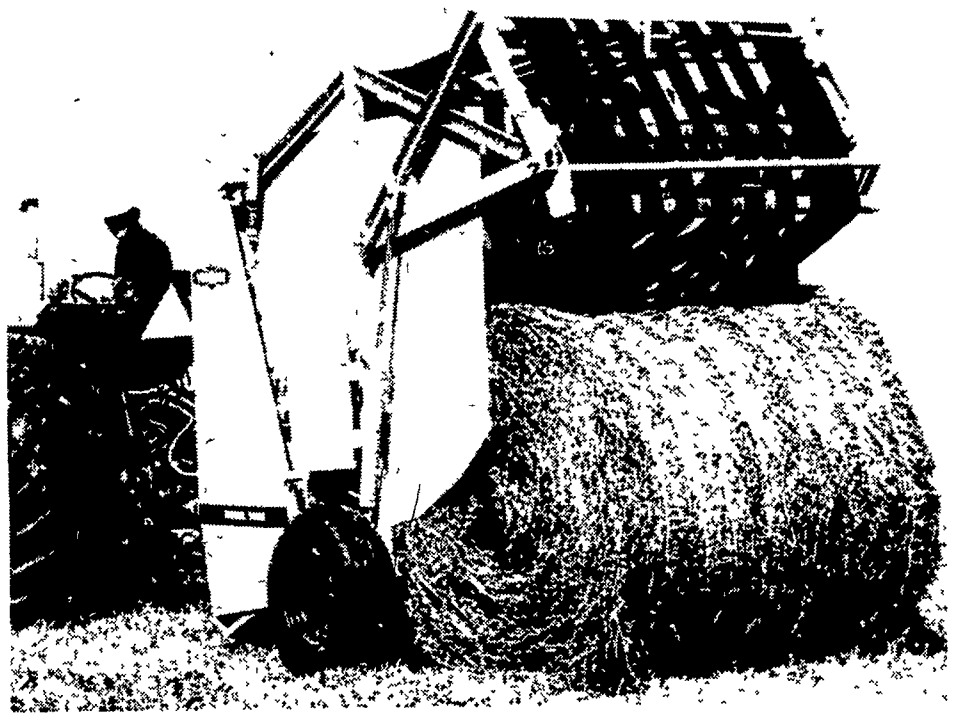

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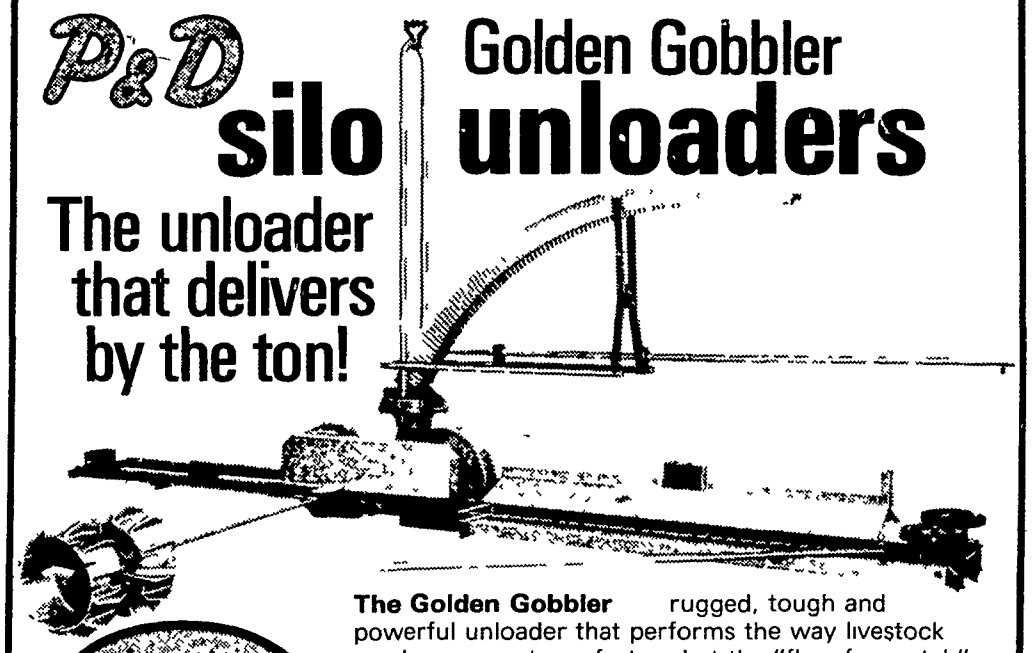

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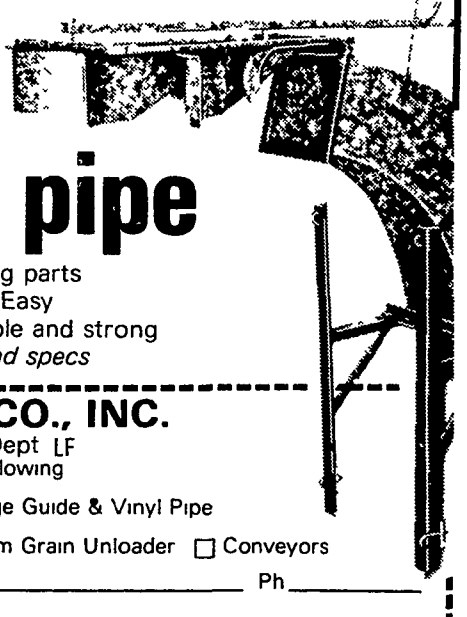

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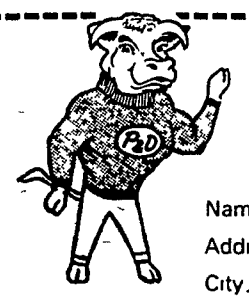

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FFA'ers receive

Norman Manbeck

Norman Manbeck
Conrad Weiser
High School

Norman Manbeck is the son of Mr. and Mrs. George Manbeck, of Womelsdorf R1. and is the fourth son in the family to receive the Keystone Farmer Degree.

As a freshman, Manbeck received the Star Greenhand award. He has served as president and currently is serving as vice-president of his local FFA chapter, and president of the Berks County FFA Chapter.

During his four years as an agriculture major at Conrad Weiser, Manbeck has attended both summer and winter FFA conventions, and the national convention. He has participated in parliamentary procedure teams, land judging, dairy judging, and this year he won the Berks County FFA tractor driving contest. In further competition, he placed second in the area contest.

His future plans are to continue working on his father's 800 acre dairy farm, with a possible partnership in mind.

Raymond Zimmerman

Raymond Zimmerman
Conrad Weiser High School

Raymond Zimmerman is the son of Mr. and Mrs. Raymond Zimmerman Jr., of Sinking Springs R5, Pa.

He earned his Keystone Degree by working for a local farmer, Alvin Lamm Jr., for five years. Lamm runs a 400 acre dairy farm at Sinking Springs R6. Zimmerman's responsibilities on the farm have been evening chores and general field work. Also for FFA projects, he has raised several chickens and this year he received a Berks County poultry award.

In his four years of agriculture at Conrad Weiser High School, Zimmerman has served as reporter and treasurer of his local chapter. He has participated in livestock judging, parliamentary procedure, dairy, and orange committees.

Zommerman's future plans are to continue working on the Lamm farm.

Bruce Ludwig

Bruce Ludwig
Conrad Weiser
High School

Bruce Ludwig is the son of Mr. and Mrs. George Ludwig of Robesonia R1.

He has been very active in FFA since his freshman year. To earn his Keystone Degree he had projects of swine, beef, and work on other farms. He has served as the chairman of the citrus committee for two years, and this year received a reward for being top salesman. He also has been in parliamentary procedure, land judging, and dairy foods. The offices he has held are reporter and sentinel.

Ludwig's future plans are to attend Bible College.

Ronald Flicker

Ronald Flicker
Kutztown Area
High School

Ronald Flicker, the son of Mr. and Mrs. Norman Flicker, Maxatawny, Pa., is a 1976 graduate of the vocational agriculture course at the Kutztown Area Senior High School. The newly named Keystone Degree winner's agriculture program consists of work experience as a parts clerk at N.H. Flicker & Sons, a farm machinery business.

In his years in the FFA, Flicker has held the positions of assistant treasurer, and chapter president. In 1976 he won the DeKalb Award and was named the Star Agribusinessman. He was also the FFA Foundation Award winner for placement in ag sales and service.

In previous years he took a silver medal in the state contest for project books, and was a member of a second place parliamentary procedure team. He also took part in salesmanship contests and in land judging.

Along with the FFA, Flicker is a member of St. Paul Lutheran Church and the Luther League of which he is treasurer.

In the future, Flicker plans to stay working with his father. He is a partner in the family corporation business.

Tim Kleinsmith

Tim Kleinsmith
Kutztown Area
High School

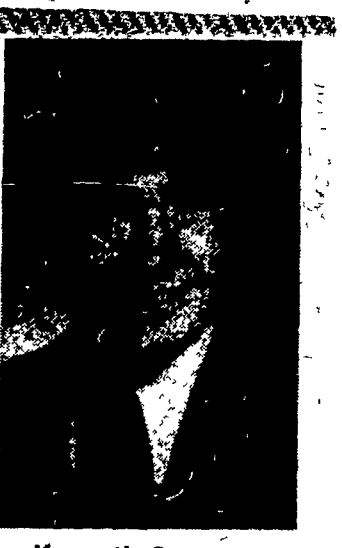
Tim Kleinsmith, the son of Mr. and Mrs. Oscar Kleinsmith, Kempton R2, is a 17-year-old senior at Kutztown Area High School. Currently the vice president of his chapter, Kleinsmith has held the offices of assistant reporter and treasurer previous to 1976.

Active in the Future Farmers of America, the Keystone Degree winner has taken part in public speaking, small engines, project book, and dairy judging contests. He has also participated in the dairy show at the Kutztown Fair, the district FFA dairy show, the Eastern Championship show, and the All American Show in dairy judging.

Kleinsmith's supervised agriculture programs for 1976 include two dairy cows, five dairy heifers, one beef heifer, and 4.5 acres of corn.

Besides being active in the FFA, Kleinsmith also is a member of the Kempton Rod and Gun Club, the Kempton Community Center, the New Bethel Church, the Kutztown Grange, and the Kempton 4-H Club.

The Keystone Award winner's plans are to continue to work on the farm with his father.



Kenneth Sanner

Kenneth Sanner
Kutztown Area
High School

Kenneth D. Sanner, the son of Mr. and Mrs. Ralph G. Sanner, Kutztown R3, is a senior at Kutztown Area High School in the vocational agriculture course.

Sanner has held the offices of assistant treasurer, secretary, vice president, and president of his local chapter, and was also the Berks County vice president in 1975-76.

The awards the newly named Keystone Farmer has won in his career are many. He took first place in the county record book contest this year and won gold and silver medals in the state record book contest in 1975 and 1976. He has also participated in dairy judging and county Greenhand contests taking top placings in both. In 1974 he was named Star Greenhand and in 1976 he was awarded the Star Chapter Farmer in his chapter as well as the Star Chapter Farmer of Berks County.

Active in showing and

(Continued on Page 138)

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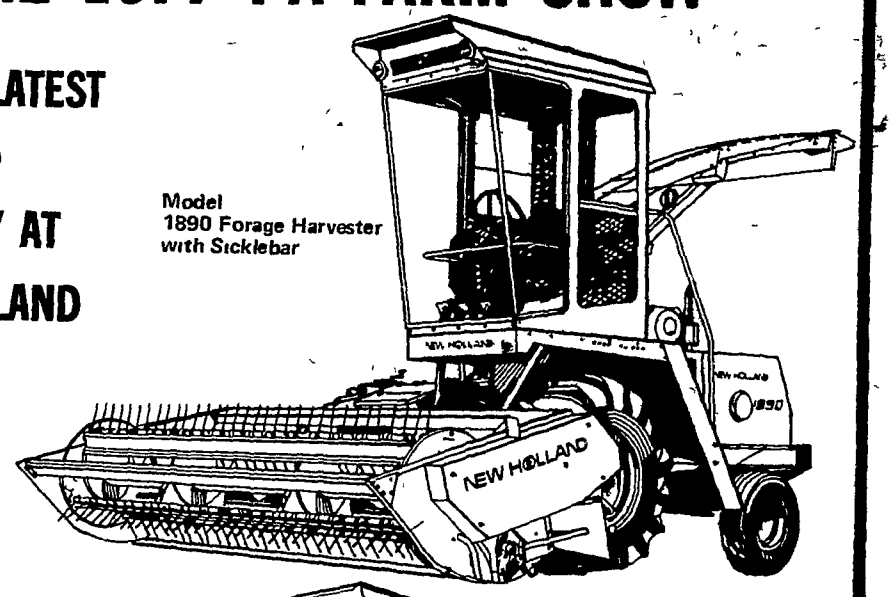

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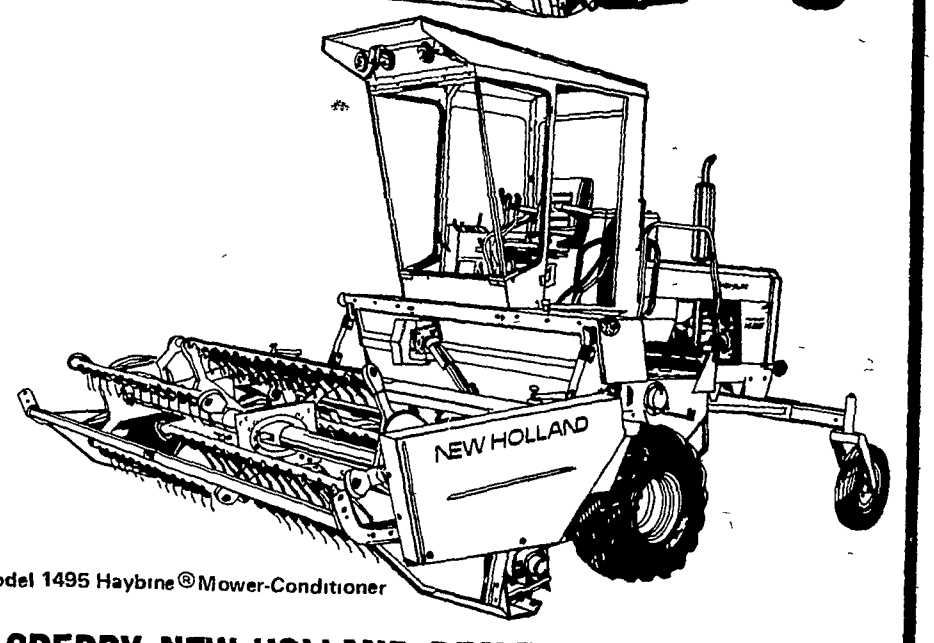

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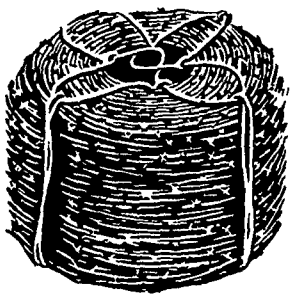

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1320 Foot Roll
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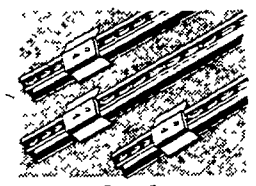

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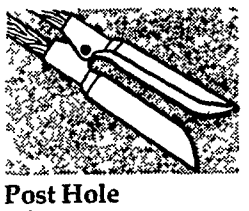

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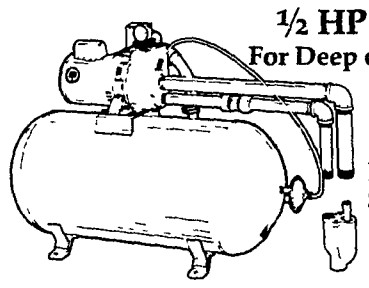

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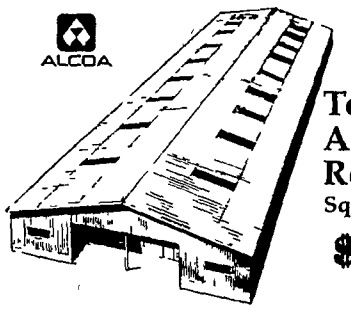

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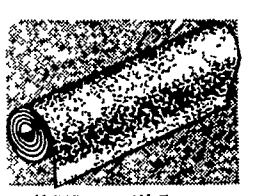

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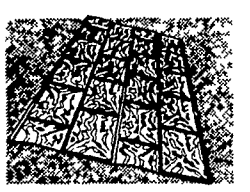

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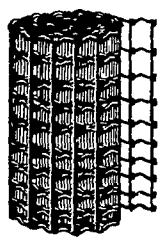

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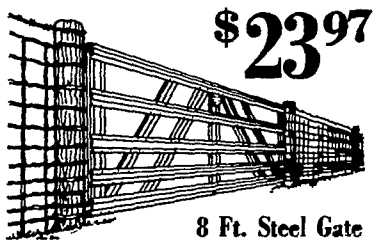

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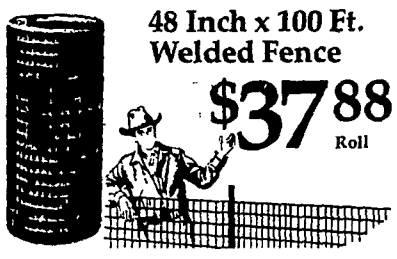

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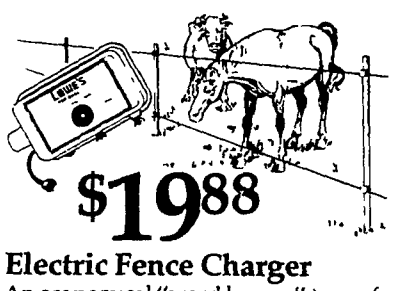

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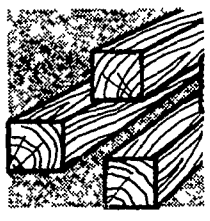

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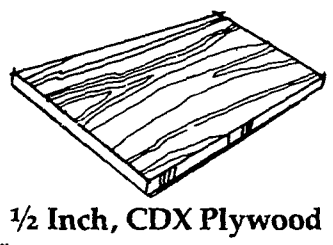

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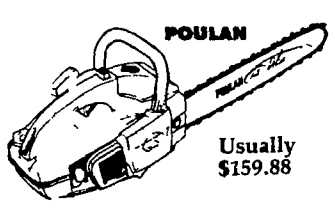

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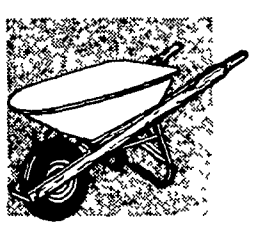

4 Cubic Foot Wheelbarrow
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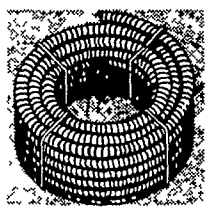
A heavy duty item with hundreds of uses Seamless tray #92854



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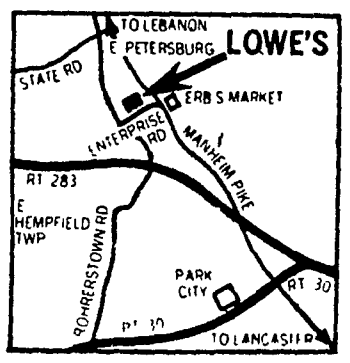
24c Linear Ft.

No joints or soldering — this pipe bends! And it's non-corrosive #24112



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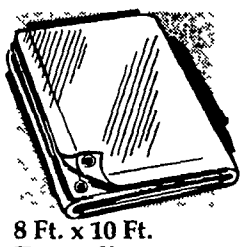

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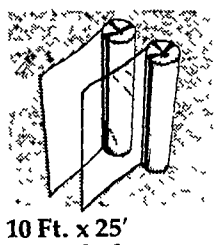

10 Ft. x 25' Polyethylene
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This plastic covering keeps any area dry and protected Hundreds of uses #16925

FFA'ers receive

[Continued from Page 136]

exhibiting, he entered his dairy animals at the Kutztown Fair and at the Pa. Junior Dairy Show. He also exhibited vegetables at the Kutztown, Allentown, and Reading Fairs.

Sanner's supervised agirculture programs this year were dairy herd, dairy heifers, dairy beef, field corn, hay, oats, sweet corn, and a garden.

Aside from FFA activities, the Keystone Farmer is a member of the Virginville 4-H, a member of the Mt. Zion Lutheran Church, member of the Pa. Jr. Holstein Association, and the Berks Co. Jr. Holstein Association.

His future plans are to continue farming with his father on their dairy farm.

Theodore Ford

Theodore Ford
Twin Valley
High School

Theodore Ford, Honeybrook, Pa., the president of the Twin Valley FFA Chapter, will receive the Keystone Farmer Degree this coming week at the Pennsylvania Farm Show.

Ford, an active member of the FFA, has served as ninth grade president, sophomore president, and junior Chapter vice president. He also served on several committees such as soil testing, conservation,and chicken bar-be-que.

He has also participated in activities such as the leadership training conference; Penn State activities week; the parlimentary procedure team where he was vice president and president; land judging contest; and many others.

His outside interests include cross country, wrestling, and baseball for both the school and the local town team.

Ford's project work which earned him the Keystone degree was his position as a carpenter's aid for four years.

Jan Oatman

Jan Oatman
Twin Valley
High School

Jan Oatman, Honeybrook R1, reporter for the Twin Valley Chapter of the FFA, is one of two Keystone Degree recipients from Twin Valley High School. Miss Oatman has been very active in the FFA, serving as treasurer in her sophomore year, and reporter in both her junior and senior years. As part of her reporting work, she won the state FFA trophy for the most news articles in the FFA magazines last year. She has also served on numerous committees including recreation, conservation, and landscaping.

Miss Oatman has also been active in the FFA volleyball tournaments, project book work, the Pennsylvania Farm Show, and livestock judging.

Her extracurricular activities include track, cross country, softball, and the Girls Athletic Association.

Miss Oatman also attended the FFA national convention at Kanasas City, Mo., last year.

Her project work has been in working with horses since sixth grade and working at a job over the summer.

Michael Weaver

Michael Weaver
Oxford Area
High School

Michael H. R. Weaver, the son of Mr. and Mrs. Robert B. Weaver of Oxford Area High School will be receiving his Keystone Farmer Degree this Wednesday. He has been student advisor of the Oxford chapter for two years.

Weaver has his own hauling business in which he hauls cattle and hay. Aside from raising steers and heifers, Michael manages two farms consisting of about 80 acres. The crops he produces include corn, wheat, and hay.

In 1973 and 1974 he attended the FFA summer convention at Penn State University. While at the convention, he participated in the land judging contest and received two silver medals. In 1975 he attended the National FFA Convention in Kansas City, Mo. as a representive for the Oxford chapter. Michael plans to continue his hauling business and farming upon graduation.

Dennis J. Jackson

Dennis J. Jackson
Oxford Area
High School

Dennis J. Jackson is the son of Mr. and Mrs. Joseph Jackson of Nottingham, Pa. He is 17 years old and a senior at Oxford Area High School. He has been a member of the FFA for the past four years. In his junior year he was treasurer of the Oxford chapter. This year he is serving as president of his own chapter, and as sentinel of the Chester-Delaware association.

Over the past three years he has attended county leadership conferences, and this year represented the chapter at the national FFA convention in Kansas City, Mo.

He has served on several programs of work committees including the earning and savings committee and was chairman of the leadership activities committee.

He is involved in other school activities which include the Oxford Cross Country and track team.

During his freshman year he received the Agricultural Mechanics Award from his chapter, in his junior year was awarded the Home Improvement Medal.

Jackson is also in the co-op work experience program, presently employed by Herr's Potato Chip Inc. He is planning to go onto Stevens Trade School to further his education.

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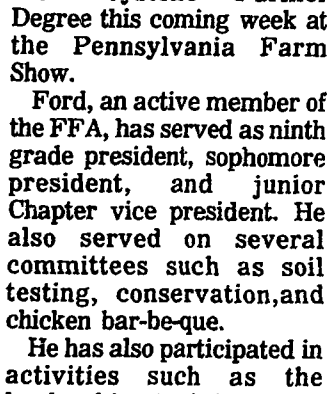
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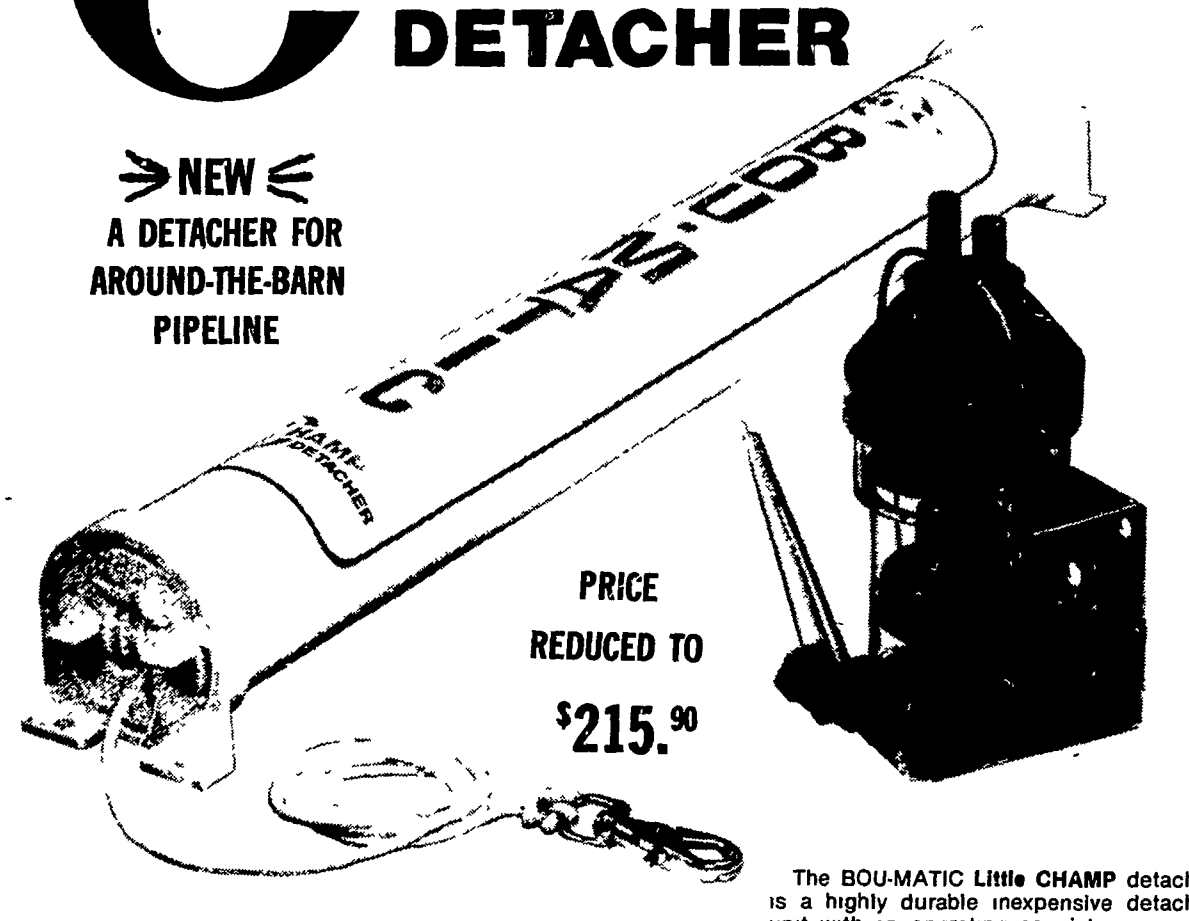
Little CHAMP DETACHER
BOU-MATIC MILKING SYSTEMS
NEW
A DETACHER FOR AROUND-THE-BARN PIPELINE

PRICE REDUCED TO $215.90
- simple to operate–virtually maintenance free
- manual and automatic operation
- totally vacuum operated
- time delayed, automatic detaching when milk flow drops below ½ lb./min.
- easily installed–no extra power source or added piping required
- can be mounted in a fixed position or equipped with portable mounting for use in stanchion barn pipeline systems
- adaptable to any major manufacturers' milking system
- CIP washing

The BOU-MATIC **Little CHAMP** detacher is a highly durable inexpensive detacher unit with an operating consistency, accuracy, reliability and vacuum stability pattern highly comparable to the **CHAMP 'EP'** detacher While not equipped with all the management and automatic features of the **'EP'**, it does provide the basic detacher functions like· milking mode establishment, milk flow sensing, positive vacuum shut-off, time delay AND removal of the milking unit from the cow

The **Little CHAMP** is very basic in design and construction It is quickly and easily installed on any type stall or milking system using stock clamps and mounting brackets provided with the unit, for fixed position mounting Due to its versatility, it can be mounted on a pivot to accommodate 2 cows per unit, as in a flat barn or stanchion barn or mounted on a portable hanger for around-the-barn pipeline applications

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FFA'ers receive

John Graybeal

John Graybeal
Oxford Area
High School

John Graybeal, age 17, son of Mr. and Mrs. Charles Graybeal, of Lewisville, has been active in the FFA for the past four years. He is presently serving as the Chester-Delaware Area secretary and has been a member of various committees, chairing several of them in his own chapter at Oxford Area High School.

While participating in many FFA contests, he placed second in state salesmanship and, in the county quizing contest, received first place Greenhand.

For two years, Graybeal has been on the parliamentary procedure team as acting treasurer and student advisor. His activities on the local level include planning picnics, ball games, donkey ball games, banquets, and fund-raising projects.

For almost a year, he has been working in a plumbing-heating hardware store. For the past two years, Graybeal has been in the work experience program at Oxford High School.

In extracurricular activities he is very active in church activities such as the teen choir, Young Peoples Society, treasurer, and is a faithful, active member of his Church.

He plans to continue his present employment after graduation, then, with further schooling and training become an electrician.

Mark Roney

Mark Roney
Oxford Area
High School

Mark Roney, son of Mr. and Mrs. Herles Roney Jr., Nottingham R1, is a senior at Oxford Area High School. He has been an active member in the FFA chapter, serving as parliamentarian during the 1974-1975 school year and on the parliamentary procedure team.

Roney has received foundation awards for Star Greenhand, Farm Mechanics, Home Improvement and Record Book. His projects consist of a farm shop where he paints farm equipment and welds. He has a producing dairy cow from which he has sold a beef this past November.

His extracurricular activities include participation in the citrus sale for the past four years, selling onion sets, and taking the role of clown in the donkey basketball game the last three years. After graduation he plans to continue working on his parents' farm.

Stephen Greer

Stephen Greer
Oxford Area
High School

Stephen R. Greer, son of Mr. and Mrs. Tex F. Greer, Oxford R3, is a senior at Oxford Area High School. He will receive the Keystone Degree in January at the annual mid-Winter convention, held during farm show week.

Greer is a member of the Oxford Chapter of Future Farmers of America, and is currently holding the offices of student advisor of his local chapter and president of Chester-Delaware Area association. He has attended three state conventions for salesmenship contests and dairy cattle judging contests. He has been a member of the parliamentary procedure team for three years, serving as secretary the first year, chaplain the second year, and president during the past year.

This summer he attended the PAFC co-op contest at Shippensburg State College. Also, in November he attended the national FFA convention held in Kansas City, Mo.

Greer has served on several committees, such as supervised farming, banquet guests, and public relations, and is currently serving as chairman of the recreation committee.

For the past five years he has worked for his grandfather, H. Ralston Brown, and his uncle, H. Lee Brown, on their farm. His project consisted of two Holstein heifers. This past September he started working for an electrician, who also raises sheep and a few dairy and beef animals.

When Greer was a junior he started on co-op work experience and went to school part of the day and to work for the rest of the day. Steve feels that this program has been a great help to him. It enabled him to secure a job before leaving school. He plans to go to school to become an electrician and would like to own his own farm.

Bruce Lindsey

Bruce Lindsey
Oxford Area
High School

Bruce Lindsey, 17, son of Mr. and Mrs. John Lindsey of Oxford, has been an active member of the Future Farmers of America for the past four years. He has served on the dairy judging team for four years, and has gone to Summer Activities Week at Penn State for two years. He was also on the second place team at the All-American Dairy Show at Harrisburg.

He has received some foundation awards such as Star Greenhand, proficiency in dairy production and home improvement. He has served on several committees such as recreation, and supervised farming and occupational work experience. Lindsey was also on the fund raising committee for the Class of '77.

In addition to the dairy farm, he also works in his father's mushroom houses. During the summer, Lindsey, his father, and three brothers built their third double mushroom house.

He plans to continue working on a farm and hopes to own his own farm in the future.

Noble Woodall
Owen J. Roberts
High School

Noble W. Woodall, Pottstown R1, has been very active in the Owen J. Roberts High School FFA. He served as the 1975 FFA chapter secretary and the 1976 chapter president and the county vice president.

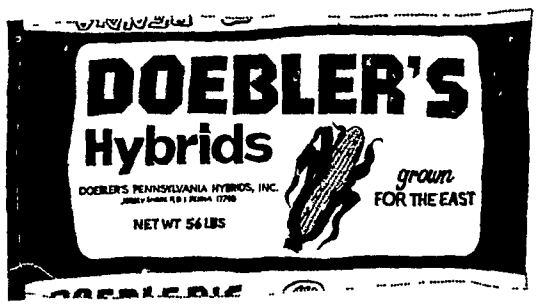
He attained these goals by being involved in many F.F.A. related activities. He started in ninth grade by being involved in the F.F.A. public speaking contest and placed fourth in the county contest. He attended the Pennsylvania state F.F.A. livestock judging contest, and received a bronze emblem award.

In his sophmore year he participated in the public speaking contest, P.A.F.C. quiz contest, leadership school, Pennsylvania state livestock judging school.

He continued his activities in his junior year adding parliamentary procedure and F.F.A. area quiz contest.

All four years he raised beef animals and worked for experience on a dairy farm owned by Lewis E. Emery.

His major goals for the future are to become a state F.F.A. officer and then enroll in the Pennsylvania State University majoring in agriculture economics.



GROWN FOR EASTERN FARMS

Doebler's Hybrids, Inc. is a family operated seed business started 40 years ago. The main farm and production area is located in Pennsylvania's Clinton County near Lock Haven. In 1976 Doeblers planted 1300 acres of seed corn at their Pennsylvania location and 700 additional acres in the mid-west. Hybrid seed corn sales have steadily increased thru the years to a point now where between 400,000 and 500,000 acres of eastern corn fields are planted with Doeblers. Farmer users particularly like the adaptablility, the high quality seed, the 56 lbs. bags, the comparative test results, and the realistic prices of Doeblers. If these things interest you, contact one of Doebler's 268 dealers for details and prices.

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— MEDIUM AND FULL SEASON HYBRIDS —

80X SINGLE CROSS-115 DAYS

A super hybrid, 80X is the straight single of the modified 800 3-way. It is very uniform, has an ideal ear type and is protected with multi-gene blight resistance. An excellent stander. This is a difficult hybrid for us to produce, but is something very special when farmer planted.

Check comparitive tests one this one!!

83X SINGLE CROSS — 120 DAYS

New in '72, this Single Cross Hybrid has gained a large following. Look for a good sized plant, a vigorous grower and yields that compare with the very best. 83X is a fine stander and shows resistance to eastern blights. A good picker-sheller corn.

70X SINGLE CROSS-110 DAYS

New in '73, 70X is already Doebler's most popular 700 maturity hybrid. Expect high yields, fast dry down and a hard cob for picker shelling. Fits especially well as an early corn in full season areas. Has dark green, rank appearance. In the '76 Pa. commercial corn trials, 70X was a top hybrid, 11.4 bu. better than the plot average!!

66X SINGLE CROSS - 108 DAYS

66X is a medium late maturing Single Cross bred to suit those who plant thick and fertilize heavily. Stands good. Uniform, very blight and drought resistant. Has a close attached ear, excellent for picker-shelling. Official yields in Pa. Five Acre Corn Contest run to 175.8 bu. dry shelled.

800-3 WAY - 115 DAYS

New in '73, 800 3-way is outstanding in yield, standup and tolerance to thick planting and drought. Yields of 200 bu. dry shelled corn have been reached. Look for a close attached ear of substantial length and girth. Has highest 3 year average in Dorchester Co., Maryland Extension tests — 159.1 bu. dry shelled corn per acre.

Check other comparitive tests on this one!!

8703 - 3 WAY - 118 DAYS

A Penn State released 3-way cross with exceptional yield and standup. Averaged 184.3 bu. dry shelled corn per acre in the 1970 Agronomy Tests in five Southeastern Pa. locations. Percent erect plants — 94.6 percent!! An excellent choice for grain or silage. Very blight resistant.

SOLD BY 268 DEALERS IN
SIX EASTERN STATES

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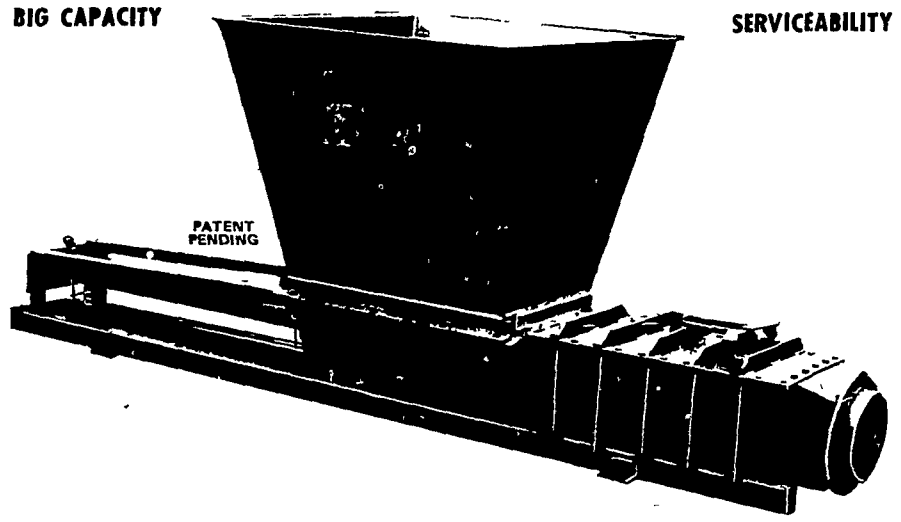
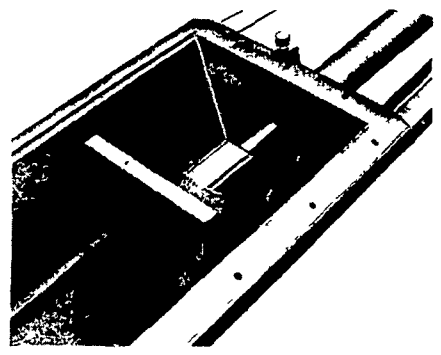
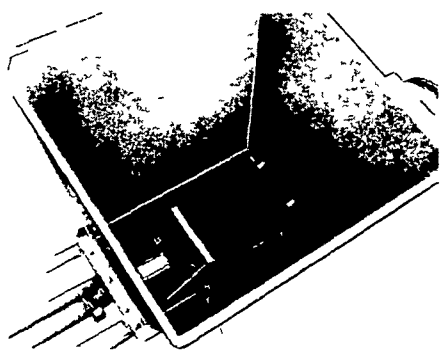
FEED AND MANURE HANDLING EQUIPMENT

BIG CAPACITY **SERVICEABILITY**





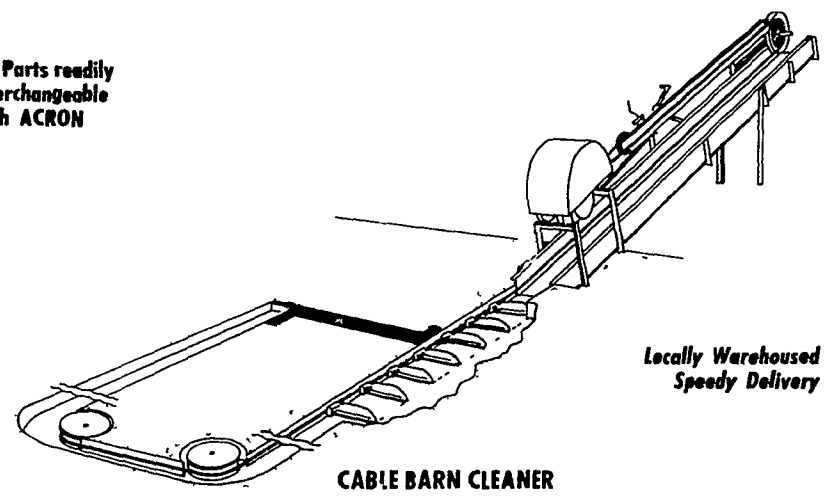
HOPPER is 8 gauge steel and 42" square. Optional longer hopper is standard. The base of the hopper assures proper plunger alignment as it enters the chamber.



The large 12" X 12" plunger is designed to move large amounts of manure at six (6) strokes per minute. Angle iron guide assures perfect head alignment.

QUALITY **THE MODERN HYDRAULIC MANURE PUMP** **VERSATILITY**

All Parts readily interchangeable with ACRON



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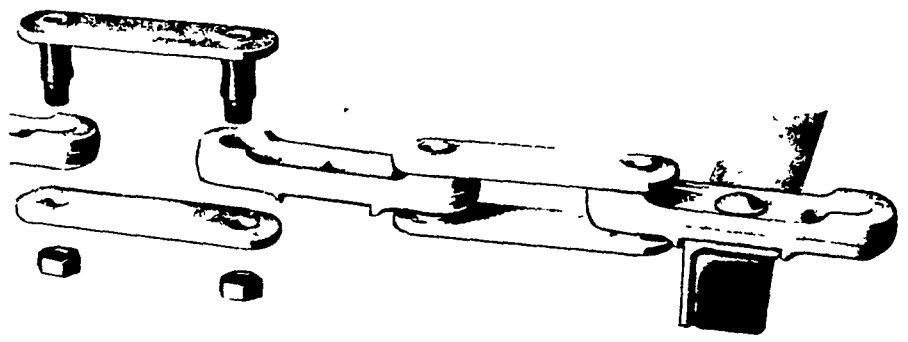
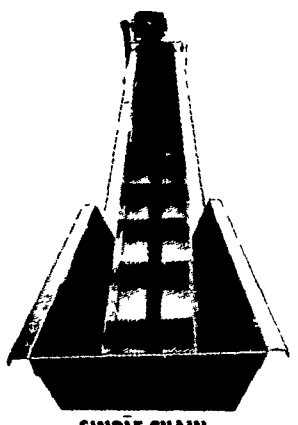
CABLE BARN CLEANER

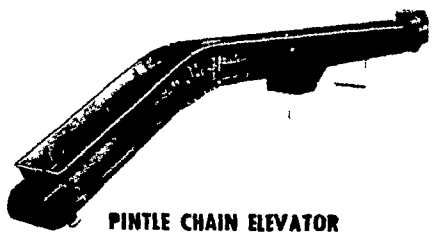
Replace your worn out gutter chain with a new Agromatic



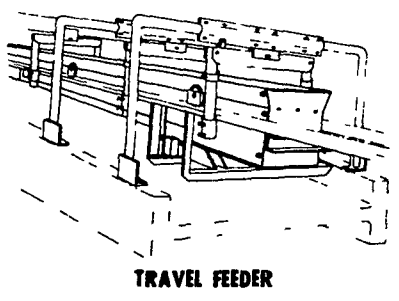
Forged link chain replacement will readily interchange with BADGER, BARN-O-MATIC, JAMESWAY, STAR-LINE AND ACORN.



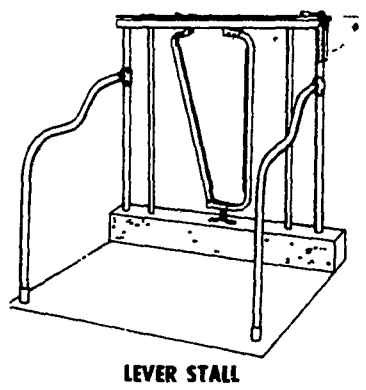
SINGLE CHAIN FORAGE ELEVATOR



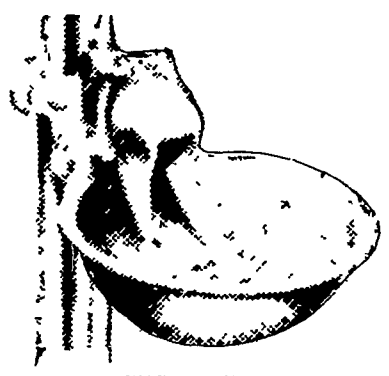
PINTLE CHAIN ELEVATOR



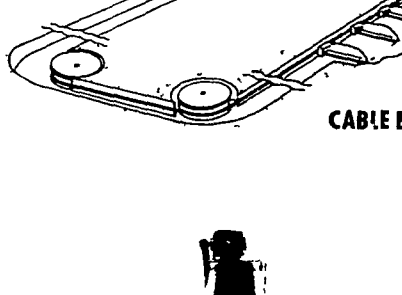
TRAVEL FEEDER



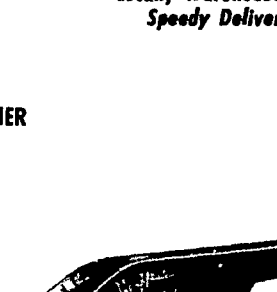
LEVER STALL



WATER BOWL



AUGER FEEDER



FREE STALLS

Has 4 Unloaders to Choose From

- *** CHALLENGER**
  Economical for Small Silos
- *** JET STREAMER**
  18" Thrower for Medium Silos
- *** SUPER JET**
  24" Thrower for Large Silos
- *** JUMBO JET**
  Hefty 12" Auger and 24" Thrower for 18' to 30' Silos
  Capacity UNEXCELLED

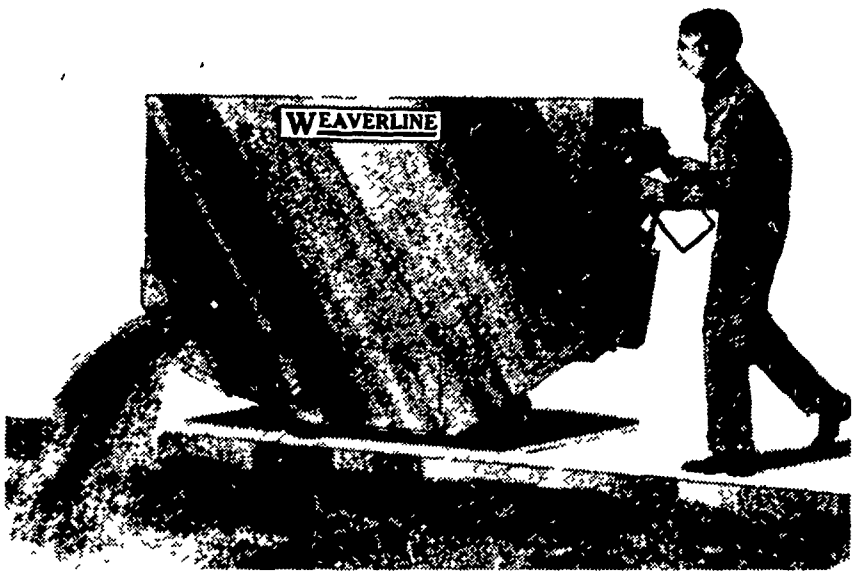
ALL UNLOADERS FEATURE:

- *** Adjustable Thrower Blades**
- *** Heat-Treated Chipper Blades**
- *** One Set V-Belts**
- *** Straight-in-Line Design**
- *** Quick Fold and Raise System**

HOOF TRIMMING STALLS

Agromatic **AN OLD NAME WITH A NEW MEANING FOR YOU**

- MANURE PUMP
- SILO UNLOADERS
- FEED CONVEYORS
- TRAVEL FEEDERS
- BARN EQUIPMENT
- WATER BOWLS
- HOOF TRIMMING STALL
- COW MATS



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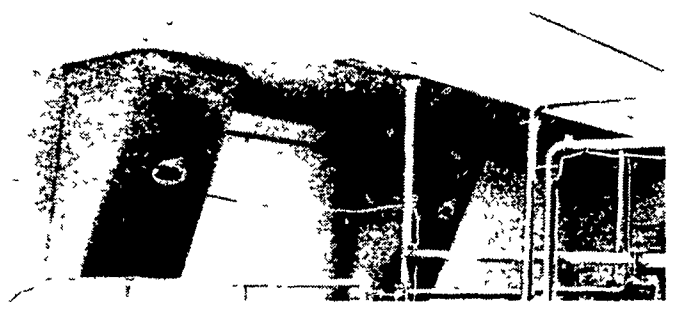

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• Mildew-proof, rot-proof • easy to clean • unaffected by animal waste • will not harbor bacteria •

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Your cows need to drink up to 35 gallons of water every day to keep their production up. That's why you need a reliable, rugged Ritchie Fountain.

Even in sub-zero weather, a reliable Ritchie heating system keeps water ice-free ... for pennies a day. Fountains are fully insulated to keep energy usage minimal. Big-throated, non-stick valves keep clean water flowing. Have your supplier install the size and model of Ritchie Fountain that's right for your operation.

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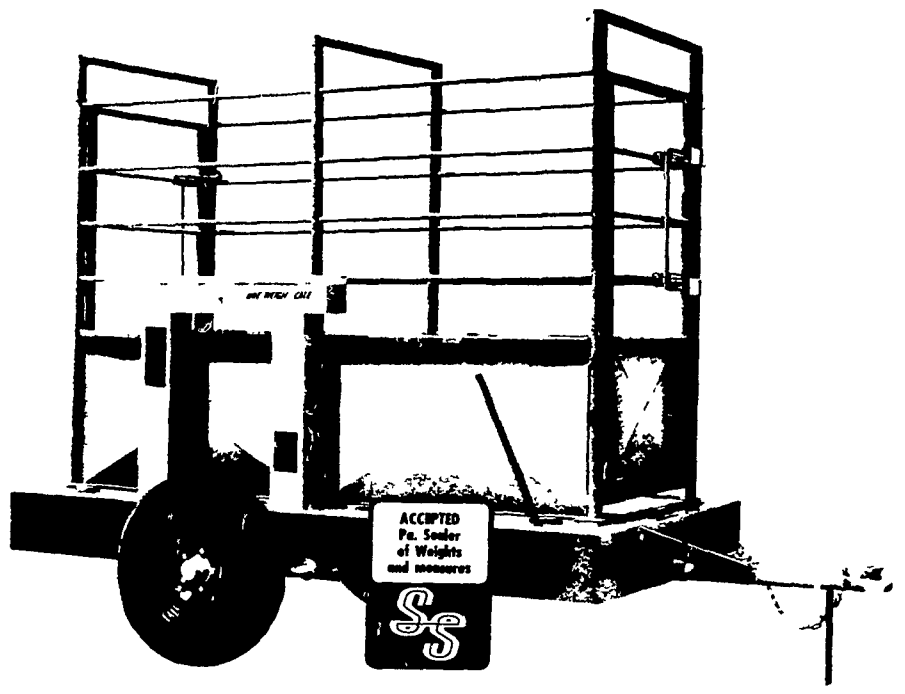
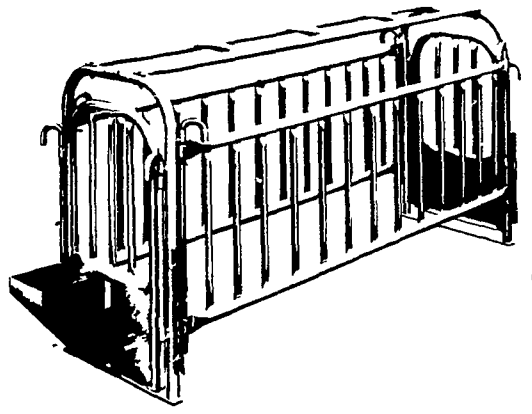
Relax... Ritchie waters 'em right.

Ritchie Industries, Inc., Conrad Iowa 50621

SURE-WEIGH SCALE

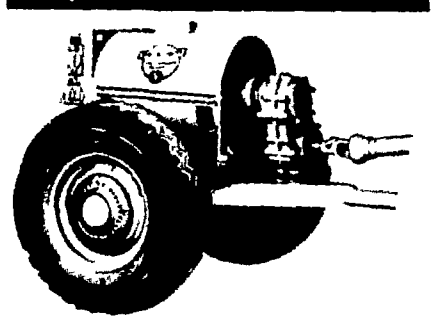




IDEAL FARROWING CRATE

End frames, end gate frames, top guard and side panel frame are all made from heavy-duty 1½" galvanized steel tubing Inside width adjustments are 20", 22" and 24" on the new Ideal crates. Side panels on crate are adjustable at 9" and 12" from floor

KATOLIGHT ALTERNATOR

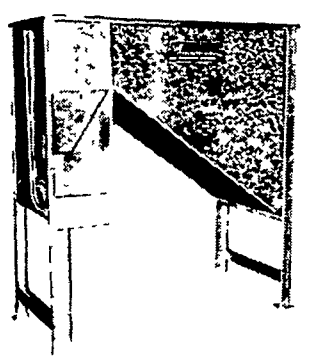


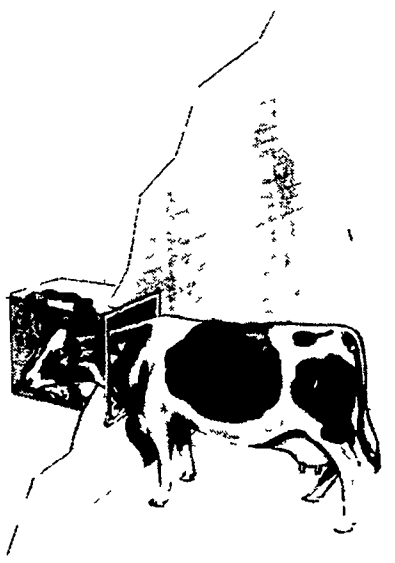
LOW COST POWER OUTAGE PROTECTION!

THE TIME PROVEN LEADER!

Available in gasoline models from 2,000-8,000 WATTS.

NORTHCO Serv-O-Matic Dairy Feeder





The "Magnet Feeder" That Selectively Feeds Concentrate

- Positive Controlled Feeding
- Increases Milk Production
- Saves Feed Dollars
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- Saves Labor
- Improved Magnet System

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SECTION B
Space 253-254
273-274

FFA'ers receive

Joseph Ailes

Joseph Ailes
Kennard-Dale
High School

Joseph Edwin Ailes is the son of Mr. and Mrs. Joseph F. Ailes, Delta R2. He has been a member of the Kennard-Dale Chapter for four years and has served as vice-president and president.

Ailes' projects have been swine breeding, swine finishing, and work experience at Enfield Equipment Co. He has shown hogs at the York Fair and Pennsylvania Farm Show. He also participated in livestock judging on the county and state levels.

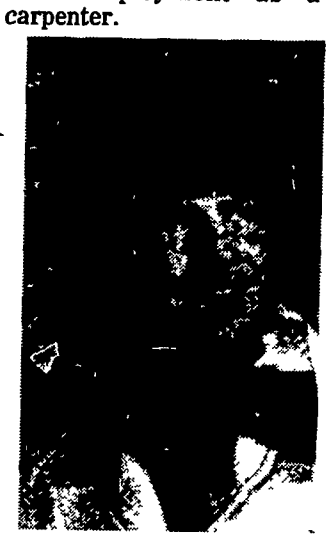
Ailes plans to become a farmer and work for an equipment company.

Gary Hollingshead

Gary Hollingshead
Kennard-Dale
High School

Gary A. Hollingshead is the son of Mr. and Mrs. Alfred C. Hollingshead, Laurel Drive Stewartstown, Pa. He has been a member of Kennard-Dale Chapter for four years. During school he played basketball, baseball, and football. He is senior class parliamentarian and vice-president of the Varsity Club. He served as chairman of sports committee and has been active in committee work. His projects included work experience as a carpenter helper and mason's helper.

Hollingshead plans to attend college on a basketball scholarship or seek employment as a carpenter.



William Gemmill

William Gemmill
Kennard-Dale
High School

William Gemmill Stewartstown, Pa., is a member of Kennard-Dale Chapter. He served as parliamentarian and was active in committee work.

His projects included work experience projects as a plumber's helper and at Jenn-Car Farm.

After graduation Gemmill plans to work as a plumber or in a construction company.

Timothy Sizemore
Kennard-Dale
High School

Timothy R. Sizemore has been a member of Kennard-Dale Chapter for four years and served as chapter treasurer and reporter. He is the son of Mr. and Mrs. Jordan R. Sizemore, Fawn Grove, Pa.

He was active on committees, and chairman of the improving occupational programs and state and national activities committees. He received his White Rose degree in 1975

Timothy R. Sizemore

and was a member of the parliamentary procedure team. Sizemore's projects include horse raising, swine fattening, wheat, corn, hay, and on-farm work experience.

His future plans are to become a professional musician and to continue working on a farm. He hopes to have a horse farm of his own someday.

Steve Strickler

Steve Strickler
Kennard-Dale
High School

Steve A. Strickler is the son of Mr. and Mrs. Colvin J. Strickler, of 412 Main Street, Delta, Pa. He has been a member of the Kennard-Dale Chapter for four years. In 1975-76, he was vice president of his Chapter, and in 1975 received his White Rose Degree.

Strickler served as chairman of the FFA banquet committee in 1975, participated in dairy judging contests, and was a member of the student council.

His projects were work experience at Southern States Cooperative, Whiteford, Md.

Strickler plans to go to a trade school or college and to be a manager of a feed and supply company.

Dave Tompkins

Dave Tompkins
Kennard-Dale
High School

Dave Tompkins, son of Mr. and Mrs. Earl Tompkins of Fawn Grove has been a member of Kennard-Dale FFA for four years. He served on many committees, and his projects were work experience on Bittersweet Horse Farms and working for a builder-contractor.

Tompkins plans to work after school and hopes to someday own a small horse farm of his own.

Honey booth at Farm Show

HARRISBURG, Pa. - The Pennsylvania State Beekeepers Association will be manning a honey booth at the southeast end of the Farm Show Building all next week beginning on January 9.

The beekeepers' booth will feature honeymade ice cream as well as applebutter made with honey, wax products, and Pennsylvania honey.

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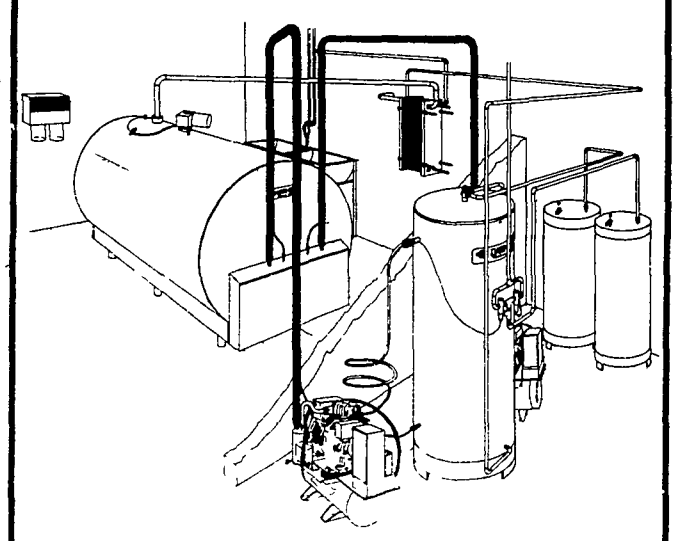

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Leonard Greek

Leonard Greek
Red Lion Area
High School

Leonard W. Greek, Delta R2, is the son of Mr. and Mrs. William W. Greek, and a senior at Red Lion Area Senior High School.

Greek's farming program has consisted of a Holstein dairy herd, Holstein dairy heifers, dairy-beef finishing, field corn, timothy hay, and alfalfa hay.

Active in showing dairy cattle at local fairs and the Pennsylvania Farm Show, he also was a member of the second place 1976 FFA dairy judging team at Penn State where he placed eighth as an individual.

He was also the member of the eighth place 1976 FFA team, North American Dairy Show at Columbus, Ohio.

Greek also received first place in the vocational class of field corn at the Pennsylvania Farm Show in 1975.

His future plans are to become a registered Holstein breeder and to go into general crops production.

G. Leon Crowl
Red Lion Senior
High School

G. Leon Crowl, of Red Lion Senior High School, will be receiving his Keystone

G. Leon Crowl

Farmer Degree this Wednesday at the annual Winter convention of the Future Farmers of America. Crowl is the son of Mr. and Mrs. Ellis Crowl, Airville R2.

His farming program has consisted of a Holstein dairy herd, Holstein dairy heifers, swine finishing, and swine breeding. He also raises field corn, wheat, and barley as part of his project.

An active showman, he has exhibited diary cattle and hogs at local fairs and the Pennsylvania Farm Show. During the 1976 season, Crowl had the champion market hog at the York Fair in the FFA competition. He also received the first and second places at the York Fair and Pennsylvania Farm Show in field corn exhibits.

Crowl has also won titles in dairy judging. This year he was a member of the second place team at Penn State, a member of the eighth place team in the North American Contest at Columbus, Ohio, and represented the Pennsylvania FFA in the Eastern States Exposition at Springfield, Mass.

His future plans are to enter into partnership with his father farming 500 acres and having a 120 cow Holstein dairy.

Brian Livingston

Brian Livingston
Dover Area High
School

Brian Livingston, the son of Mr. and Mrs. Paul Livingston, East Berlin R1, has been a member of the FFA for four years.

This year his projects include 16 registered Yorkshires and four registered Hereford heifers. Considered the outstanding FFA member in York County by the York Fair Association, Livingston was awarded a trip to the National FFA convention in Kansas City, Mo.

Throughout his years in the FFA he has held several offices. In his second year he held the office of chaplin. In the '75-'76 year, he was chosen the Dover Chapter treasurer and the York County reporter.

This year Livingston was named the president of the Dover FFA Chapter.

The Keystone Degree winner's plans for the near future include traveling to Toledo, Ohio, for two months to the National Meat Cutting School this summer.

Roy Strohecker

Roy Strohecker
Upper Dauphin
High School

Roy Strohecker, Millersburg, will be receiving the Keystone Farmer Degree on January 12. Active in parliamentary procedure contests, soil judging (at county and state levels), poultry judging, and livestock and dairy judging at the local fairs, he has also participated for two years in project book contests.

In his years in the FFA, Strohecker has held the offices of student advisor and reporter. He has also been the chairman of five major program of activities committees.

Two baby beef show steers, four sets of show hogs, two field corn projects and two regular beef projects have comprised his supervised farm projects.

Past awards the Keystone Farmer has won are a silver medal in state soil judging, second place individual in the county soil judging contest and seventh place in poultry judging contest. He was also high salesman in the annual citrus sales.

Strohecker's future plans are to continue working for his father on their 1200 acre livestock and grain farm after graduation.

Tom Winfindale

Tom Winfindale
Lower Dauphin
High School

Tom Winfindale, age 17, of Hummerlstown RD 4, is the son of Mr. and Mrs. Norman T. Winfindale. He has served as the Lower Dauphin FFA Chapter reporter for two years. He also was sentinel for one year.

As a member of the parliamentary procedure team which placed fifth in state competition, he served as reporter. He also participated in several local swine shows.

Winfindale's projects

[Continued on Page 144]

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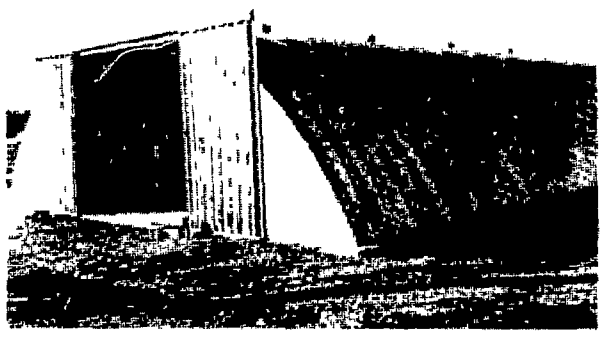

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(Continued from Page 143)

included swine breeding, corn production, and work experience. His work experience employment is at the Lebanon Valley Livestock Market. In the near future he plans to enter dairy farming on the home farm.

Kevin Halbleib

Kevin Halbleib
Lower Dauphin
High School

Kevin Halbleib, age 18, the son of Mr. and Mrs. Lloyd Halbleib of Hummelstown, will receive his Keystone Farmer Degree at the FFA Winter forum due to efforts of supervised work experience. He has won county honors two years because of this.

Halbleib served the local chapter as treasurer this year and was assistant treasurer last year. He received the farm mechanics award at the local banquet last year for outstanding shop work, and was on the parliamentary procedure team in 1975 which placed fifth in state competition.

He is working on a 200 acre beef farm which also boards horses. Halbleib is in charge of many of the farming operations.

After graduation the Keystone Farmer plans to rent 35 acres of land for his own use and continue on at his present place of employment.

Mark Bucher

Mark Bucher
Lower Daughin
High School

Mark Bucher, age 17 of Elizabethtown R3, is the son of Mr. and Mrs. David Koser. The newly named Keystone Farmer has served the Lower Dauphin FFA Chapter for two years as vice-president.

He has participated in parliamentary procedure for three years and in 1975 was vice president of the fifth place state team. He also won county honors for public speaking. Dairy has been his main enterprise for which he received the county dairy award in 1975. He has shown hogs and dairy cattle at local and district shows.

Bucher has sung in the state chorus for two years and was selected to sing in the national chorus this past November in Kansas City.

At present he is responsible for the 34 dairy cows at home and he plans to begin dairy farming on his own in the spring of this year.

Mike Spittle

Mike Spittle
Lower Dauphin
High School

Mike Spittle, age 17 son of Mr. and Mrs. James M. Spittle, Middletown, has served as president of the Lower Dauphin FFA Chapter for two years in succession.

His FFA activities have been many. He was on the chapter parliamentary procedure team each year and was president on the 1975 team which placed fifth in state competition. He also participated in public speaking his freshman year.

In 1976 Spittle received honorable mention in the state farm mechanics award. Nationally, he has participated in the leadership training seminar in Washington last summer and attended the national convention in Kansas City, Mo., this Fall.

Spittle's projects included corn for grain, hog fattening, beef growing, and beef finishing. He has also carried a work experience project working on a local dairy farm.

His future plans include getting established in a dairy farming enterprise.

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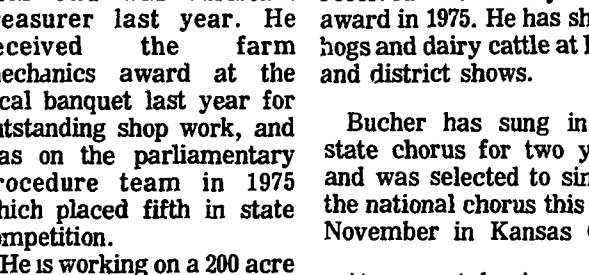

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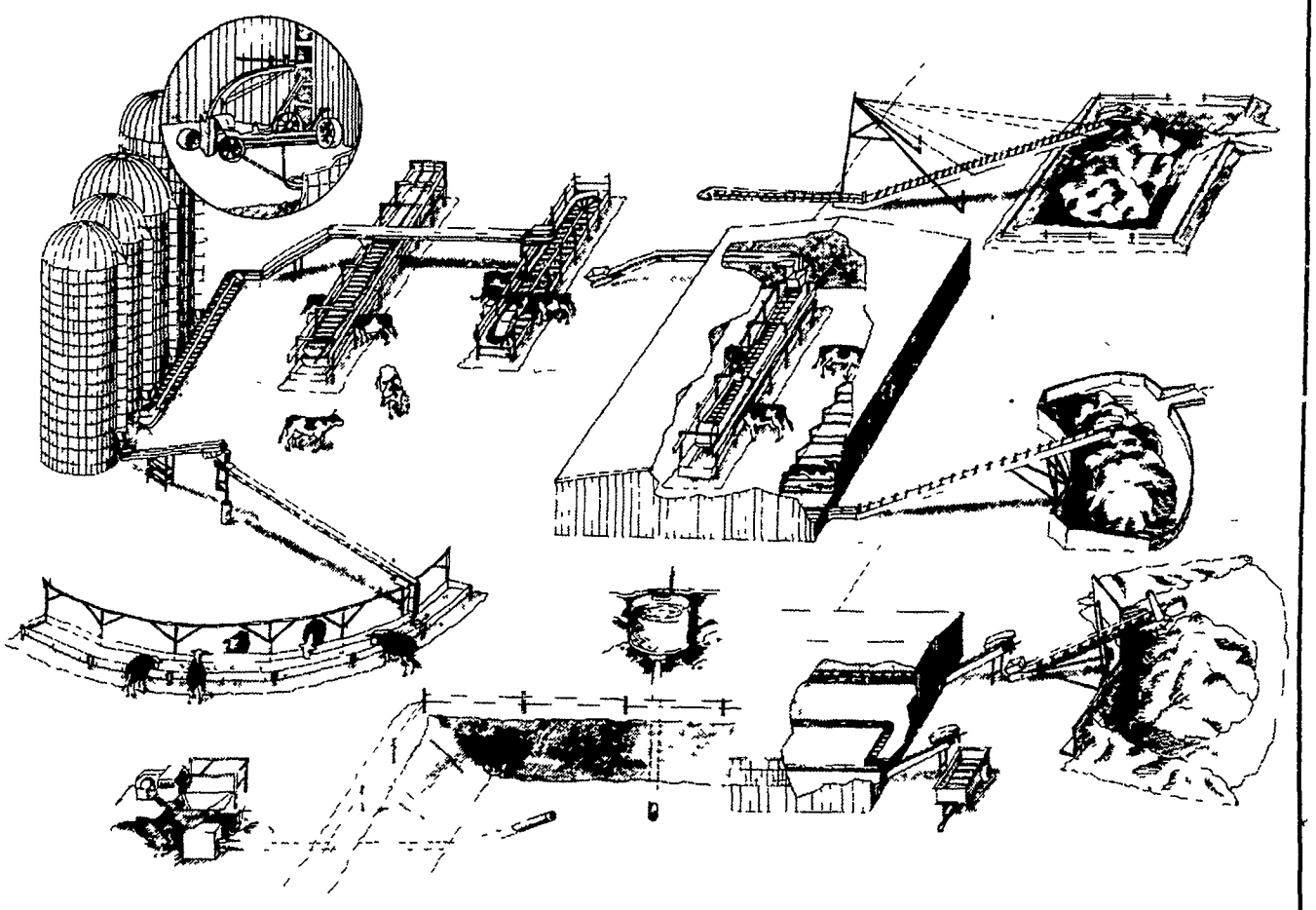

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Dale Brandt

Dale Brandt
Lower Dauphin High School

Dale BRandt, age 18, the son of Mr. and Mrs. Arthur E. Brandt of Hershey R1, will receive his Keystone Farmer Award on Wednesday due to his efforts in swine production. He is a member of the Lower Dauphin FFA Chapter.

His FFA activities include showing hogs in both local and state shows. He judged dairy cattle during state FFA week at Penn State in 1975, and also at the state youth dairy judging forum in November. He attended the National FFA convention in Kansas City in November.

Brandt purchased gilts from Kentucky to expand his swine enterprise several years ago and his operation grew to a 10 sow breeding unit. He also fed out hogs for market.

At present the Keystone Farmer is working with his father and brother on their dairy, swine, and poultry farm. Although he has concentrated his efforts on swine through high school, he plans to work at home after graduation and concentrate on the dairy operation.

Robert Romanowicz

Robert Romanowicz
Walter Biddle Saul
High School

Robert Romanowicz, a senior horticulture major at Walter Biddle Saul High School of Agricultural Science in Philadelphia, will be awarded the Keystone Farmer Degree this Wednesday at Harrisburg.

Romanowicz has studied greenhouse management for three years and recently enrolled in landscape horticulture.

The Keystone Farmer does landscaping on his own and has worked at the 1976 Spring Flower Show and the Fall Harvest Show in Philadelphia.

In contest entries, he has placed first in tree identification, seed identification, ornamental horticulture, and tropical foliage plant identification.

His plans for the future are to enter Penn State University and major in Ornamental Nursery management, and later open a business of his own.

John McCartney

John McCartney
Walter Biddle Saul
High School

John J. McCartney is a senior at Walter Biddle Saul High School of Agricultural Sciences, the only agricultural high school in the United States. It is located in the northwestern part of Philadelphia.

At the present time, McCartney is majoring in turf grass technology. In his junior year he majored in forestry, and plans to further his education in this field. He has applied to Virginia Polytechnic University, and the Steven Austin College, Texas.

He has won first place in house plant identification and third place in poultry judging in FFA contests conducted at his school, and has been sent to Penn State as a representative of his school to compete at the state level. He has also taken placings in public speaking and forestry contests, and participated in tractor driving and horticulture club.

Employed as an assistant farmer at Saul, McCartney fed and milked the school's herd of 20 Holstein cows, riding to school at 3 o'clock a.m. to arrive on time.

An active member of the FFA, he has been class parliamentarian, class reporter, and class president.

Pesticide classification to begin

HARRISBURG, Pa. - Raymond J. Kerstetter, Pennsylvania Secretary of Agriculture, announced Monday that the Department is planning to initiate the classification of pesticides for general and restricted use.

General use pesticides will be those available for use by the general public while restricted pesticides will be those which can only be used by certified applicators.

The Federal Environmental Protection Agency (EPA) is currently responsible for classifying pesticides. However, in light of the extension of this responsibility by the EPA, Pennsylvania will initiate the Pennsylvania Pesticide Control Act which includes certification of pesticide applicators who use restricted pesticides as required under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

"At this time," Luke J. Antonelli said, Regional Director for the Pennsylvania Department of Agriculture in Lansdale, "we are proposing that in October, 1977, all currently EPA registered pesticides that bear a skull and crossbones symbol, with the words "Danger - Poison", will be classified and considered restricted pesticides in the Commonwealth. This means that individuals using or supervising the use of any pesticide product classified as restricted must become certified under the conditions required by the Pennsylvania Pesticide Control Act."

"In addition," Antonelli said, "all pesticide outlets handling these products will be required to obtain a license to sell them. Sale of restricted pesticides will be made only to individuals with proper credentials to verify their certification."

The classification of pesticides as restricted in Pennsylvania will be superceded in the event further limitations are imposed as a result of EPA labeling requirements, Antonelli noted.

There are products currently in use which do not bear a skull and crossbones symbol which cannot be considered as general use pesticides since they have certain requirements which must be met before they can be used. These requirements appear on the labels.

Information on pesticide applicator certification can be obtained by contacting the regional office of the Department of Agriculture in Lansdale at 215-368-3000.

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Fruit grower named Master Farmer

UNIVERSITY PARK, Pa. - An Adams County nurseryman-fruit grower, who combines innovative horticultural practices with solid farm management techniques, has been named a Master Farmer for 1976.

John H. Baugher, 47, of Aspers R1, owner of Adams County Nursery and Fruit Farms, has been selected to receive the coveted award sponsored by the Pennsylvania Farmer magazine, Harrisburg, and the Cooperative Extension Service of The Pennsylvania State University.

Formal award presentations will be made January 11 at a Master Farmer luncheon in Harrisburg. Baugher will be inducted into the Pennsylvania Master Farmers' Association whose membership consists of all former award winners. The program was established in 1927.

This new Master Farmer recently saw his farm business come through one of its most trying periods. He was one of several operators to be hit with prunus stem pitting problems. "The stem pitting problem knocked us for a loop," Baugher said. "We had a good trade in peach trees. Stem pitting cut our business by half."

Orchard owners, who bought stock from Baugher, were planting supposedly healthy trees only to have them die out in a few years. Economic losses were high and fruit growers put the blame on the nurseryman.

"With help from Penn State and State Department of Agriculture, we found the problem to be nematode-based. Now I believe Pennsylvania nurseries have the best trees available," the Master Farmer notes.

The Baugher name has been associated with fruit products since the Master Farmer's grandfather started the operation in 1905. It is a combination of 150 acres owned by Geroge Baugher, John's father; and estate of 150 acres; and 500 additional acres owned outright by John. He has had full management responsibility since 1960.

"We have a total of 60 acres in nursery stock of all ages," he said. "Thirty acres are salable stock and 30 will be this coming year. The breakdown on acreage runs 4 to 5 in peaches, 4 in plum and cherry, 2 in pears, and the balance in apples."

Profit in the nursery business comes from getting a high percentage of seedlings to grow and also getting a like number to take the buds on the seedlings. Each dwarf seedling in the ground represents a 50-cent investment.

"We have some problems getting a good take on plums so we're trying something different. Rather than

(Continued on Page 150)

Poinsettia may bloom 30 days

Now that Christmas is over, how is your poinsettia holding up? If you have a healthy plant and treat it well, you should have it in flower for a month or more.

But if your plant is like a lot of others, it may be looking rather sick already. The thing to do now it to try to determine what is wrong. And then correct it if you can.

If the lower leaves are turning yellow and limp, or perhaps have dropped off, there may br some trouble with the roots or perhaps the leaves are too dry, says Spencer H. Davis Jr., Extension specialist in plant pathology at Cook College, Rutgers University.

Press one hand gently on the soil and carefully turn the pot upside down, he suggests. Tap the edge of the pot lightly on a bench, so that the soil-ball comes out on your hand.

Now you are ready to become the plant doctor! Pockets or areas where the roots are coal-black, or even dark brown, indicate a root rot disease, says Dr. Davis.

The commercial florist would add chemicals if he had many plants with root rot. For the homeowner with just one or two plants the chemical treatments are not recommended. Just keep picking off dead leaves as they appear.

If you are fortunate you will find no black or brown spots. All will be white or light tan. This indicates that yellow and limp leaves are not the result of root rot but only that the plant is too hot and dry.

Keeping the plant in a cool room or an enclosed porch during the night may do wonders for your poinsettia. You will find that night temperatures of 60, or even a few degrees lower, will help to extend the flowering period of your plant many days.

Suicide Is Dangerous

An average of 650 Americans kill themselves each week Suicide has increased from about 10 per 100,000 population in the early 1950's to 12 5 in the 1970's. Within the last two decades, suicides among the 15 to 19-year age group have increased almost 300 per cent The incidence of suicide in the United States has reached some 35,000 a year, ranking it among the ten leading causes of death.

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*__For example:__ popular 10-20-20 ammoniated analysis totals 50 units of plant food per ton. 50 times 10¢ equals early take savings of $5.00 per ton. And when you pay in January, you save an additional $3.00 or more per ton, on the balance.

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Steve Ebersole has a heart-to-heart talk with a favorite ewe about "doing one's best" during Farm Show competition. Ted, the quick-moving shepherd's assistant, is a purebred Border Collie who knows his job and performs it well.

A champion ewe must learn how to stand before the judge. After 20 years of showing sheep, Steward Ebersole instinctively knows how to gently position the animals.

'55-'77: They've had 22 years of showing sheep

By JOYCE BUPP
York County Reporter

YORK, Pa. - When the sheep barn at the 1977 Pennsylvania Farm Show begins to fill with wooly inhabitants, it's a sure bet that Steward and Steve Ebersole's entries will be right in there representing York County.

These purebred Hampshire sheep breeders from York R3 trucked their first entries to the show in 1955 - and they haven't missed a single exhibition since.

Daughter Linda began the family's involvement with showing sheep when she joined 4-H many years ago. The Ebersole's had originally purchased three grade ewes in 1953 just because they were interested in raising a few sheep. When Linda entered 4-H, she added registered Hampshire crosses. Her selection was a wise one. Linda's show winnings soon included open class and 4-H championships at the Farm Show, as well as at the local York and Dallastown Fairs.

Son Steeve has now taken Linda's place as the family exhibitor. The rosettes in his collection include Champion 4-H Ewe at the 1969 and 1973 Farm Shows and championships at the Dallastown Fair.

The Ebersole barn presently houses a flock of 45 breeding ewes, two stud rams, and a growing number of bouncy, curly-dark-haired newborn Hamps. When grown, the lambs may be sold as breeding stock to 4-H members in the county, or may even travel to a surrounding state. Ebersole's registered Hampshires have already gone to Maryland, New Jersey, Ohio and Virginia.

"Ywo girls that bought project lambs - one from Maryland and one from New Jersey both won championships with them," beams Steward Ebersole. This family takes quiet pride in the quality of animals that leave their farm and work constantly to breed only the very best stock they can obtain.

Some sheep have been marketed through the Keystone Ram Sale. And, occasionally, the Ebersoles have participated in the Livestock Exposition, held at Harrisburg in November.

Has anything unusual ever happened to the Ebersoles while exhibiting during Farm Show week?

"One time, many years ago, we had a ewe give birth to lambs right there," remembers Steve. "We received a lot of publicity from that!" But that incident isn't likely to be repeated this year. The Ebersoles now breed the ewes to deliver slightly later, with the peak of lambing season coming in late January and February.

Last year's lamb crop was the best ever. But even in the best year, there are bound to be delivery problems, with so many ewes to care for. And, true to form, those problems frequently seem to arise in the wee hours of a bitter cold late winter night.

"I'm the veterinarian and help deliver at difficult births," laughs Mrs. Ebersole, who usually makes a final check of the expectant mothers about midnight. "Steve is the shepherd, and is pretty much responsible for the day-to-day care of the flock."

And what is Mr. Ebersole's chief responsibility in this close-knit family sheep breeding operation?

"Well, somebody has to pay the bills," he shrugs, with a broad grin. Steward has worked for many years at Allis-Chalmers Corporation in York. The eight acres of home pasture and the nearby rented hay and

[Continued on Page 149]

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Simmentals caught on at Rocky Springs

EQUINUNK, Pa. - Rocky Springs Farms, here, has received shipment of 29 registered Simmental heifers from Simmental Breeders Ltd. of Canada, it was announced late last year by Howard Bomze, Rocky Springs' owner, who selected the animals himself from SBL's herd of over 3500 animals at SBL:'s 12,000-acre in Cardston, Alberta. SBL's general manager, Ron Gibson, preceded the shipment to oversee preparation for its final transfer to Rocky Springs' new confinement system. and the charge of its manager, Tim Amlaw.

Howard Bomze said, "We were very pleased to be able to select the top purebreds from SBL's 1975 calf crop. We believe this gives us the highest percentage of purebloods of any Simmental herd in the East, and it will enable us to provide superior breeding stock to other Simmental breeders and commercial herds."

The Simmental breed originated in Switzerland's Simme Valley, and is now widespread throughout Europe. Simmentals were introduced into North America in 1967 by SBL with the importation of the bull "Parisien," whose name has become a byword in the beef industry.

Simmentals are a dual purpose breed, combining meat and milk to an unusually high degree. Cows average 8000 pounds milk and a 4 per cent butterfat test. The well-muscled, rugged appearing cattle weigh in at approximately 1600-1700 pounds for cows and up to 2800 pounds for mature bulls. Simmentals are generally red and white, with a white face which appears to be dominant in inheritance, as with Herefords, although body color ranges from blonde to the grey ("lavendar") and white combinations.

The 29 heifers, all of which are carrying the calves of the breed's top sires - "Galant," "Beat," "Extra Star," "Red Knight" and "Parisien," will add substantially to the already existing purebred Simmental breeding herd at Rocky Springs Farms, where Black Angus, with a Wye Plantation herd sire have been furnishing registered Angus breeding stock for the past five years.

Rocky Springs Farms was the first farm in Pennsylvania to own a full-blooded Simmental bull.

Smut found

ST. PAUL, Minn. - Various smuts of wheat, barley and oats in several Midwest states were more serious in 1976, compared to previous years.

Plant disease specialists in states affected are pushing seed treatment more than ever. In Michigan, loose smut in wheat showed a "marked increase" last year, according to Larry Copeland, Michigan State University crop specialist.

"We've also seen a tremendous amount of corn smut this year," says Bob Nyvall, Extension plant pathologist at Iowa State University. Dry weather and hail were two chief causes, he says. "With as much smut as we've seen on kernels and ears there must be some yield reductions from it," he adds.

Herb Johnson, plant pathologist at the University of Minnesota, said he's also received many more reports of corn smut this year. "In one case a farmer was hospitalized due to dusty conditions caused by the smut during harvest," he said. However, the smut itself is not toxic to humans or animals.

U.S. energy record 'disastrous'

WASHINGTON, D.C. - "A disastrous failure of national will" in the area of energy conservation is responsible for our steadily increasing dependence upon foreign oil, Environmental Protection Agency Administrator Russell E. Train says.

But, Train added, "serious steps to cut waste and increase efficiency in our use of energy - including tax and other measures to make the price of gasoline reflect the true cost of consuming it" could significantly improve the situation.

The EPA Administrator declared that energy conservation "must be the keystone, the center piece, the fundamental basis of a national energy strategy. We should not look to energy conservation as a last resort, as a means of filling the gap after all efforts to improve supplies have been exhausted. On the contrary, we should look first to the development and implementation of an optimum energy conservation policy - one that is consistent with a healthy economy - and then decided on the amount and the kinds of new energy supplies."

Train noted that since the 1973 Arab oil embargo:

U.S. oil imports have risen from 29 per cent to more than 40 per cent.

Arab oil now accounts for more than one-third of all U.S. oil imports whereas prior to the embargo it accounted for only 15 per cent.

Of 19 industrial, oil-importing nations including the U.S. that belong to the International Energy Agency, the conservation record of he U.S. ranks as "nearly the worst," Train stated.

He stressed energy conservation because "no single step could do more to alleviate our energy, our environmental and our economic difficulties. No. single step could do more to strengthen our credibility and our clout in dealing with the other nations of the world - both the industrialized and the developing."

Train also examined a host of other international problems and possible solutions in his address. He spoke with an eye toward the agendas of two recent or current meetings: those of the Oil Producing and Exporting Countries concerning a possible price increase in exported oil, and talks between the "have" and "have-not" nations at the Paris Conference on International Cooperation.

Desertification, deforestation, soil erosion and other environmental devastation in the poor nations have occurred, according to Train, "not because of development, but **because of a lack of development.**"

Train declared that "the food to feed these hungry and starving poor must come, not from the granaries of North America - although we must meet emergencies from these - but from their own earth and their own effort, and outside aid can have no more important and urgent aim than to help them develop an agriculture that is both strong and sustainable."

'55-'77:

[Continued from Page 148]

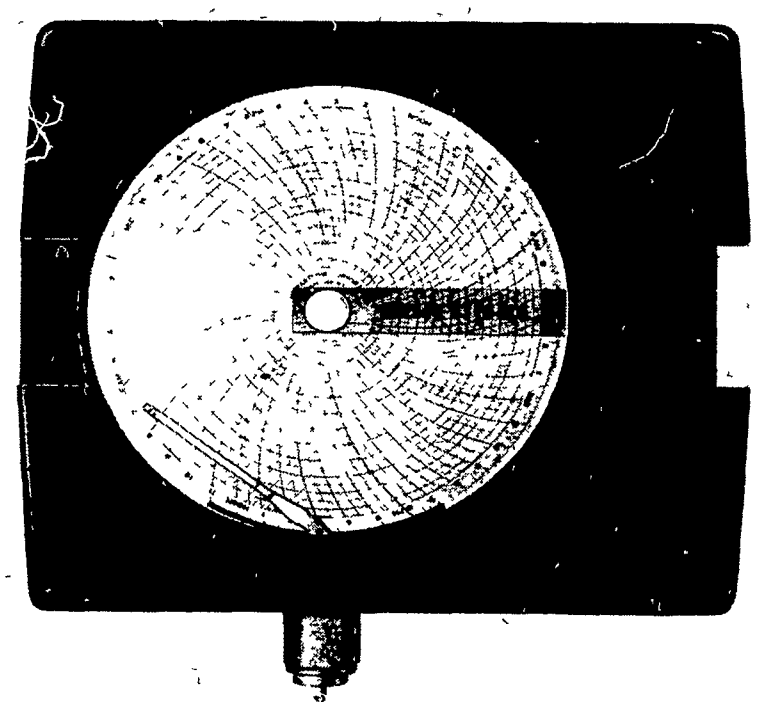
grain acreage is farmed weekends and evenings.

Like many successful livestock breeders, the Ebersoles willing assist county youth by serving as 4-H adult leaders. They have worked with the Ore Valley Community Club, the York County Lamb Club, and contribute the use of their animals to livestock judging practices. Steward is active in work with the Pennsylvania Hampshire Sheep Association and gives his time as a director for the organization.

Steve has spent the last few weeks grooming eight head, four ewes, and four rams, for the upcoming Farm Show classes. At age 20, he-s too old to enter 4-H competition, but he's eagerly awaiting that first step into the open-class arena.

case

THE SENTINEL



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Adams County Master Farmer John H. Baugher checks his apple crop grown by using wire trellis.

Fruit grower

(Continued from Page 146)

slipping the bud down to the tree we are slipping it up from the bottom," he says. "It has been used in New York State with good success. I'm eager to see if it will work for us. Presently we have about 500 trees budded upside down."

Most of the nursery stock is sold in the Middle Atlantic States. Currently the supply is barely adequate to take care of the demand. Most other nurseries will not expand because of the problem of getting good help. For this reason, Baugher is going to try to cover the mail order and backyard markets.

In his own orchard the Master Farmer likes to grow dwarf apple trees on wire. "We probably will be shaking apples by the time this year's plantings come into production," he predicts. "For this reason I like semi-dwarfs. Our standard-sized trees are being phased out."

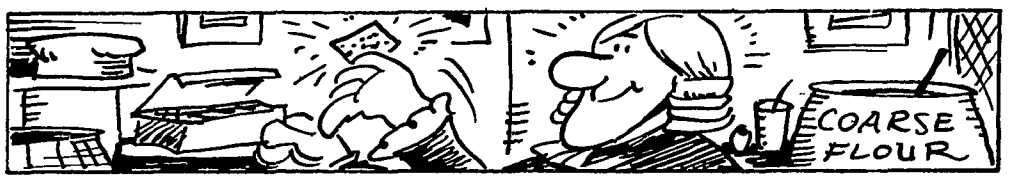
Labor is the reason this operation went into peach production. Baugher starts the season digging and shipping nursery stock. Next he plants his lining out stock and does nursery work. Then he handles harvest cherries on steep slopes where the machine won't go. Peaches fill in nicely between the cherry and apple seasons.

Machinery costs per acre on this farm run only $75.88. This includes irrigation; 10 tractors; 5 sprayers; a shaker, 6 trucks; and other farm equipment. "One reason we can keep per acre costs low is by taking care of the equipment and making it last. We don't buy anything unless we really need it," Baugher relates.

As with any Master Farmer, he is actively involved in numerous civic and agricultural activities. Baugher has held all the offices in the Adams County Fruit growers Association and is a member of the State Horticultural Association, Pennsylvania Farmers' Association, Masonic Lodge, and Gettysburg Elk Club.

He is a member of the Adams County Extension Association, Mountain Orchard Cooperative, Apple Blossom Queen Contest, and president of the Christ Lutheran Church of Aspers.

He and his wife, Nadine, are the parents of four children. Julia, the oldest, is married and a graduate of Madison College. John, Jr., is a student at Delaware Valley College majoring in horticulture; Phillip works on the farm taking care of bookkeeping; and Chris is in high school.



The graham cracker was named after the Reverend Sylvester W. Graham who in the 18th century recommended a diet of bread made from coarse flour eaten slightly stale.

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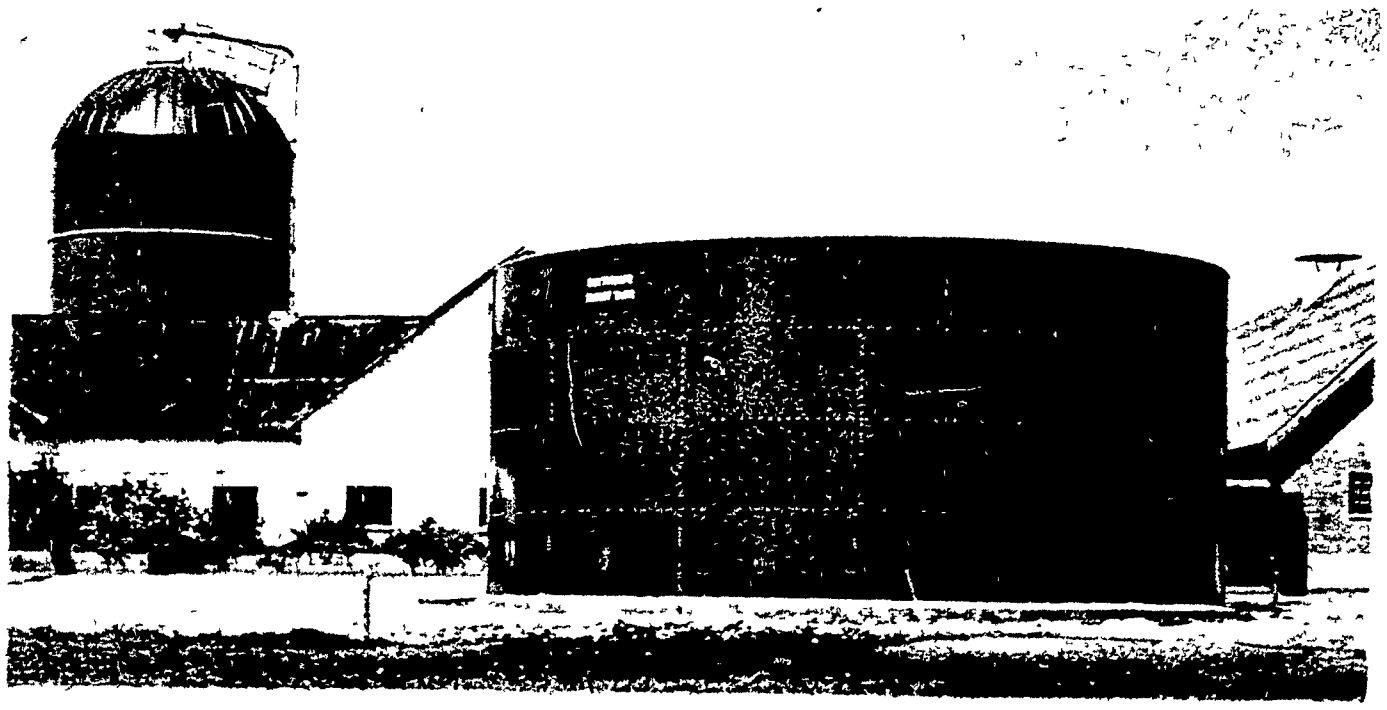

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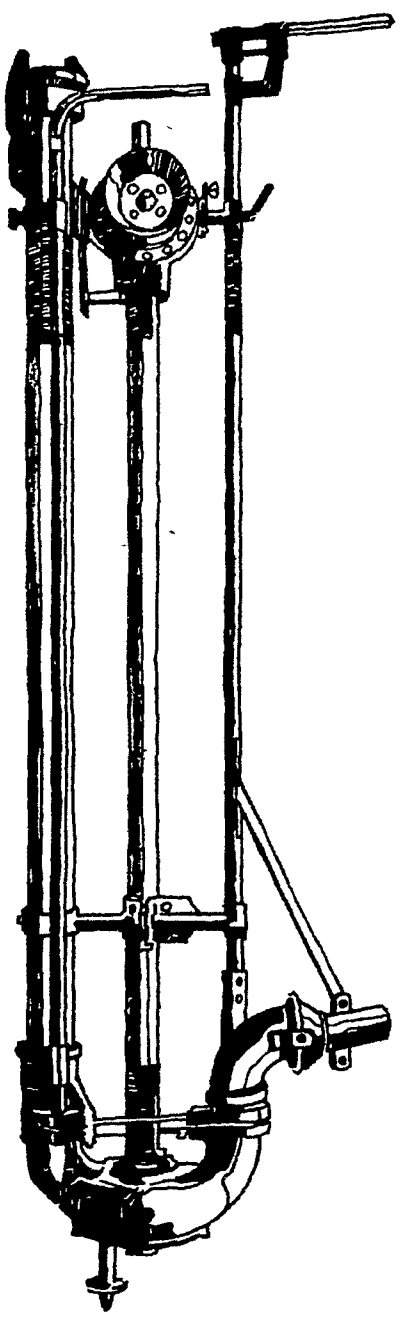

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Record amount of electricity used in Pa.

HARRISBURG, Pa. - Pennsylvanians used a record amount of electricity during 1976, it was reported last week by Eugene J. Bradley, president of the Pennsylvania Electric Association (PEA).

Total use of electricity was 92.1 billion kilowatt-hours this year compared to 87.6 billion kilowatt-hours in 1975. The previous record was 89.3 billion kilowatt-hours in 1973.

"This 5.1 per cent increase in power consumption marks a reversal of the trend in 1974 and 1975 when use of electricity decreased," Bradley said.

"Improvement of the economy, reaching a base line in conservation and pure and simple growth are the main reasons for the increase," he said.

"To the extent electric sales reflect overall economic conditions, the 1976 figures signal an upturn in Pennsylvania's economy," said Bradley.

"Homeowners, small business and industry all used more power this year," Bradley said. "A 6.1 per cent increase in industrial use, which means jobs and income in the Commonwealth, is particularly significant because industrial power use had dropped off by a total of more than 8 per cent during the two previous years," he added.

Bradley pointed out that every electric utility in Pennsylvania has had an active conservation program underway and that these efforts have paid off. "But when a base line of consumption is reached it can't be expected to go too much lower," he said. For example, the homemaker who has now set his thermostat at 68 degrees will be unlikely to set it five degrees lower, he explained.

"Beyond that we simply have more people, more households, more hospitals, schools, stores and so on," said Bradley. "That growth requires electric power.

"It is certain that as business and industry continue to spring back from the economic doldrums, Pennsylvania's need for electricity will grow," Bradley said.

PEA is a non-profit organization of all 16 investor-owned electric utilities in Pennsylvania which serve more than four million customers.

Bees to be registered

COLLEGE PARK, Md. - Maryland beekeepers are reminded that they should begin the new year by registering their colonies with the Maryland Department of Agriculture.

The year 1977 markes the 60th anniversary of the State's Apiary Inspection Law which mandates yearly registration of all bee colonies.

State Apiary Inspector, John V. Lindner, emphasizes that registration of colonies continues to be most important in the control of contagious bee diseases as well as justifying the right of the beekeeper to claim losses to his bee colonies from the misuse of pesticides. Such losses are paid under the USDA pesticide bee indemnification program.

Registration of colonies is on a calendar year basis and must be renewed January 1st of each year. Any beekeeper not receiving a registration application by February 20th should either write to the Maryland Department of Agriculture, Division of Plant Industries, Plant Protection Section, College Park, Maryland 20742 or call Mr. Lindner at (301) 454-3848 for an application.

The information requested on the application includes the name and address of the beekeeper, the county where the apiary is located and the number of colonies at each apiary.

Statistics for 1976 show a continued increase in the number of beekeepers as more than 1,025 beekeepers registered 11,295 colonies of bees located in more than 1,300 apiaries. From 1970 to 1976, inclusive, records show that honeybees in Maryland produced more than 2.8 million pounds of honey and 50,000 pounds of beeswax with a combined value of more than 1.4 million dollars.

Honeybees, often referred to as "The Wings of Agriculture", are also indispensable pollinating agents responsible for the production of many fruits and vegetables and many forest trees and other plants.

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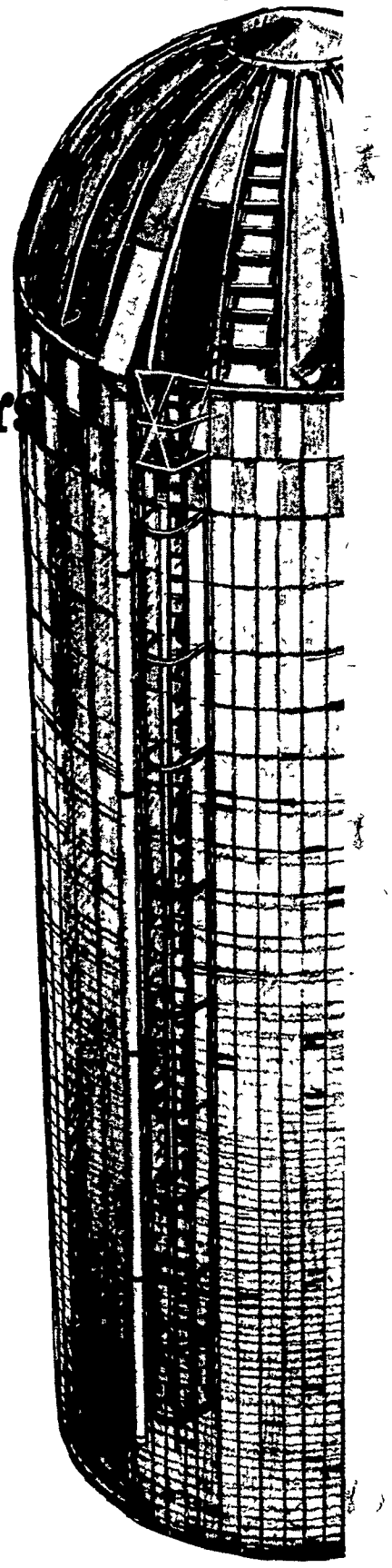

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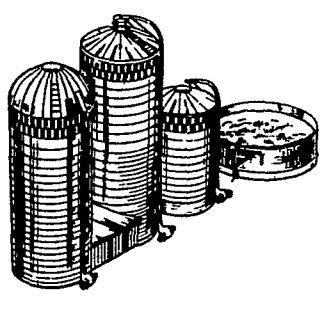

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Maryland Pork Producers set January 27 meeting date

BRANDYWINE, Md. - Members of the Maryland Pork Producers Association will gather for the group's annual banquet Thrusday, January 27th at the Baden Fire House, here.

Franklin Feeser, MPPA president, says the affair will be a buffet-style dinner with "all you can eat" and that banquet chairman Russell Watson of Brandywine has assured him "the food will be superb!"

Highlights of the evening's program will be selection of the 1977 "Maryland Pork Queen"; announcement of who will be Maryland's "Pork All-American" couple, and presentation of the James R Ferguson Feeder Pig Award. Master of ceremonies for the evening will be State Senator Thomas V "Mike" Miller, Jr., (D-28th).

Tickets are $7 each and can be obtained by contacting Feeser at Box 372, Taneytown, Md. 21787 (301-848-6280) or by contacting Watson at Box 366, Route 3, Brandywine, Md. 20613 (301-579-6844). All friends of the pork industry are welcome to attend.

The Baden Fire House is located on Maryland State Route 381, six miles East of Route 301.

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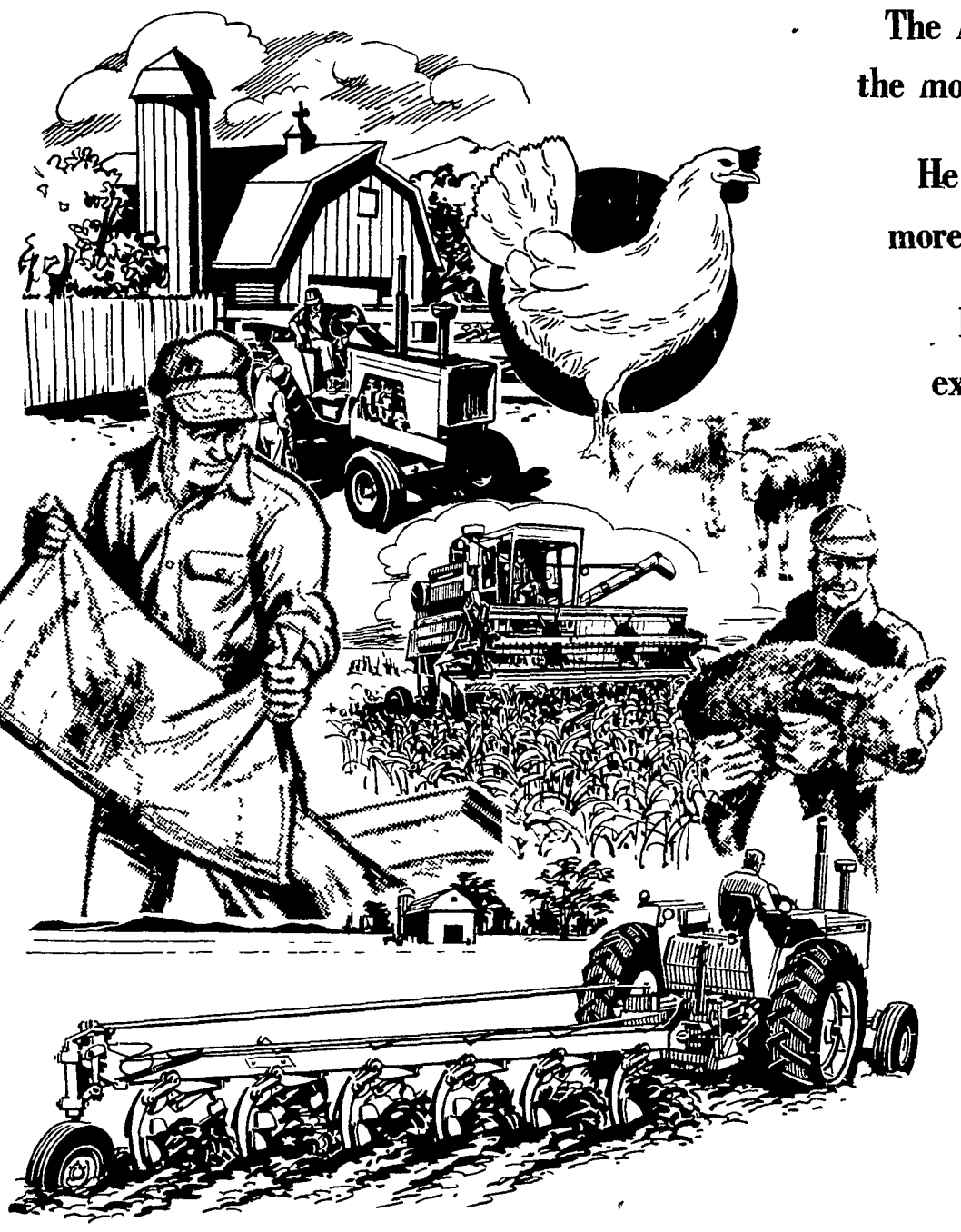

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Young farmers hear credit, business concerns

DENVER, Colo. - The problems of agriculture and the accomplishments of agriculture highlighted the program at the 10th annual National Young Farmer Educational Institute, held here last month.

Interest was strong in a discussion of agricultural marketing, as numerous questions were asked. Underlying many of the questions was evident concern about the present depressed condition of nearly all agricultural commodities, a fear that one segment of agriculture can gain benefits only at the expense of other segments of the industry, dissatisfaction over the continued division of agricultural organizations and the future of the small farm and ranch operator.

The trend to bigger and more sophisticated farm machinery will continue, Fred Thorne of John Deere and Company said at a breakfast session. Thorne pointed out that tractor power averaged 32 horsepower per unit in 1952, 94 in 1975 and is expected to average 120 by 1985. "The most popular unit today is the 100 horsepower tractor."

He pointed out that the production of food and fiber has outstripped the world population explosion. "In 20 years, agricultural activity has tripled. Food production has increased at an annual rate of 2.8 per cent, while the population has increased at a two per cent annual rate. The life span of people in underdeveloped countries has increased, and there have been fewer famines in the last quarter of a century than in any other similar period in the last 300 years."

Thorne said society now has the technical ability to eliminate hunger. The limitations on this ability are outside of agriculture - unstable governments, inadequate storage and distribution facilities, to name a few. "For these reasons, the underdeveloped nations haven't been able to bring technology into use as effectively as the developed nations."

Requirements for agricultural financing will become more detailed in the years ahead, the young farmers were told by a credit panel, which included Alton Cook, president of the Federal Intermediate Credit bank of Wichita; William S. May, president of the Federal Land Bank of Wichita; Leo French, Colorado director of the Farmers Home administration, and Ronald Loose, senior vice president of the First National bank of Denver, with Dean A. Raber, vice president and secretary of the Federal Land bank of Omaha as moderator.

Although agriculture production has been the dominant consideration in farm financing in the past, future credit policies will place a great emphasis on financial management and marketing, said May.

Affirming that "perpetual debt" has become an established feature of today's agriculture, Loose said "We can no longer expect a complete payoff of an agricultural loan at a specific time. A good, solid farm program's indebtedness will rise and fall with circumstances."

Cook added, "A man cannot liquidate his debt today unless he liquidates his investment."

May told the group the total national farm debt, now approaching $600 billions, increased $11 billions last year, the greatest annual increase in history. However, he added, the value of land has increased in value every year for the last 43 years, with the exception of "pauses" in 1939, 1951 and 1954.

Like other panel members, May emphasized that both the borrower and the lender in agricultural financing must be completely frank with each other, and each must have a thorough knowledge of farm operations and management, in order to develop a sound credit program.

"In the future, instead of reviewing collateral and updating a financial statement each year, the credit officer will be more concerned with profit and loss statements, cash flow, and budgeting." commented Loose. "Without a good set of records, you won't be able to get financing from any credit source in the future."

Cook said many agricultural operators have wound up in financial trouble by "basing long-term decisions on short-term prices." He said many financial people believe that interest rates have bottomed out, that there will be some increase early in 1977.

"There's lots of money available today. Many big investors have their money in passbook accounts. They want to be able to get their hands on it fast." Cook predicted that any change in interest rates will take place in the second quarter of the year."

French said the greatest challenge which the Farmers Home administration faces is providing help for young farmers in getting started in agriculture, while at the same time retaining the confidence of private lenders who provide capital for FHA-approved loans. "We have to estimate the potential repayment ability of young farmers without previous credit experience."

THE RETURN FROM EGYPT

But when Herod was dead, behold, an angel of the Lord appeared in a dream to Joseph in Egypt,

Saying, Arise, and take the young child and his mother, and go into the land of Israel: for they are dead which sought the young child's life

And he arose, and took the young child and his mother, and came into the land of Israel

But when he heard that Archelaus did reign in Judae in the room of his father, Herod, he was afraid to go thither notwithstanding, being warned of God in a dream, he turned aside into the parts of Galilee

St Matthew 2 19-22

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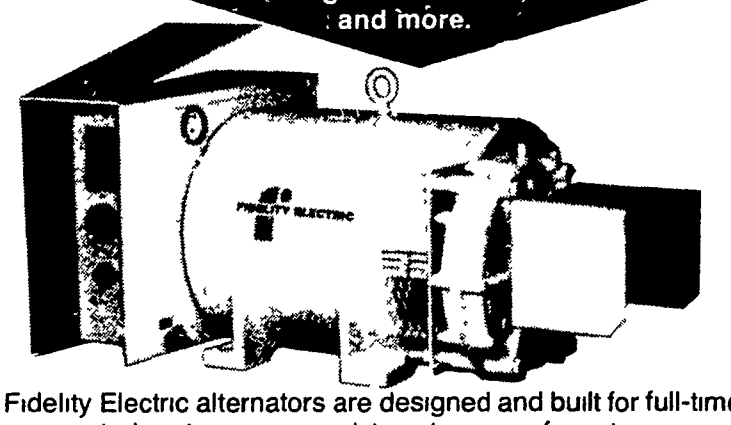

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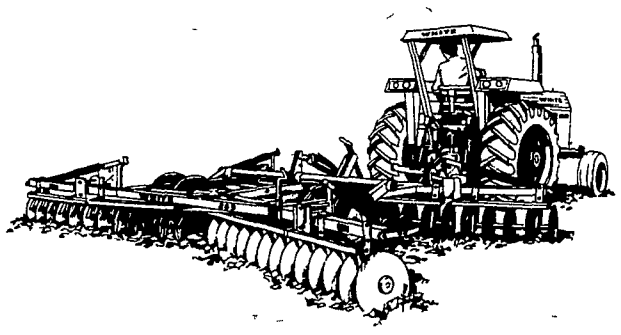

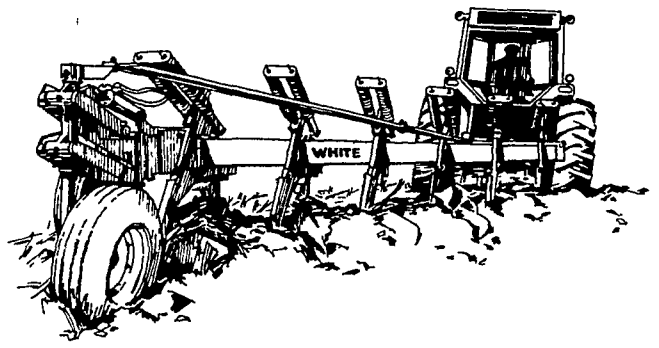

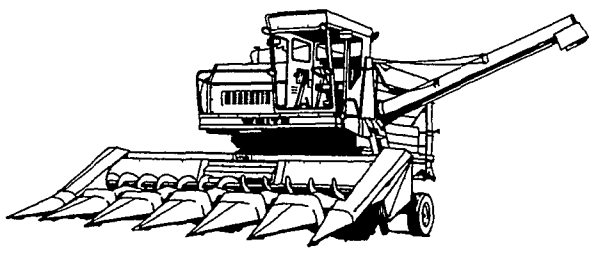

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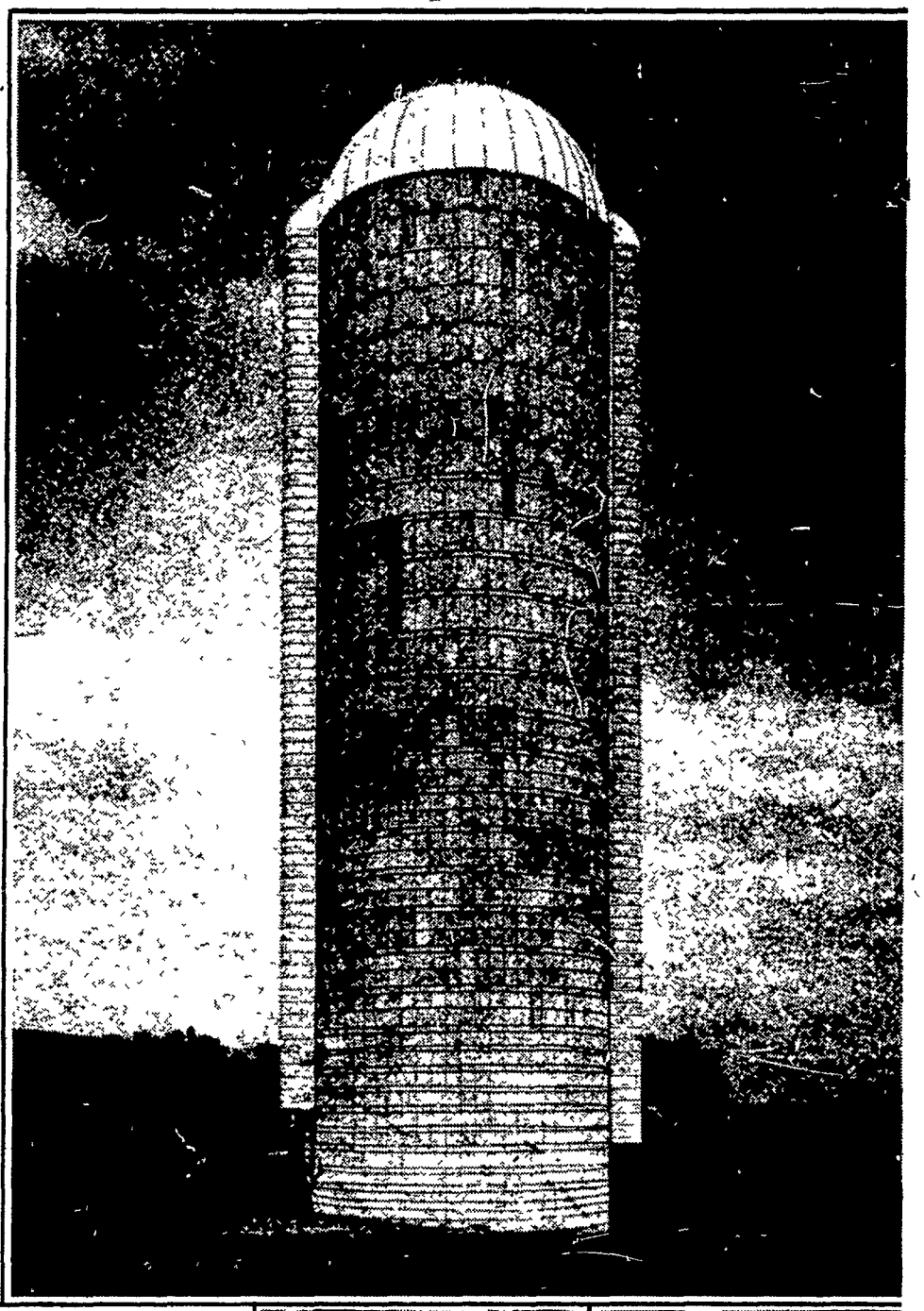

Master-Matic is the proven automatic silage handling system first introduced in the eastern United States by Fickes over a year ago. There's no longer any need to enter the silo. Once filled, the silo can be unloaded from top to bottom—automatically. The Silo-Matic Continuous-door Unloader moves down the continuous doors to unload haylage, corn silage or high moisture corn. It operates effectively, efficiently and without mechanical problems.

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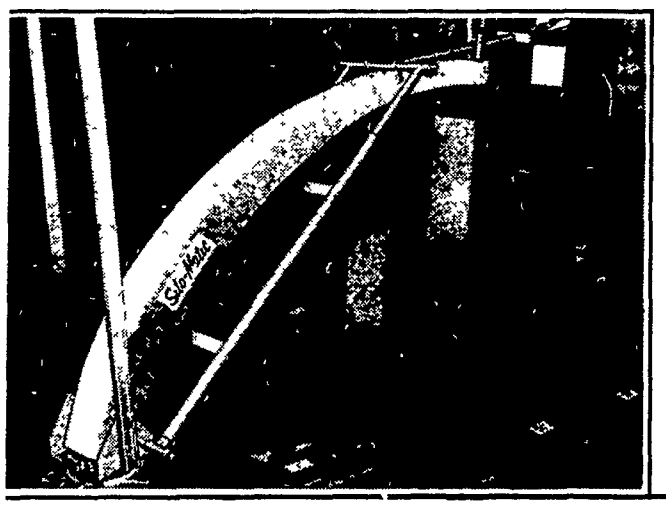

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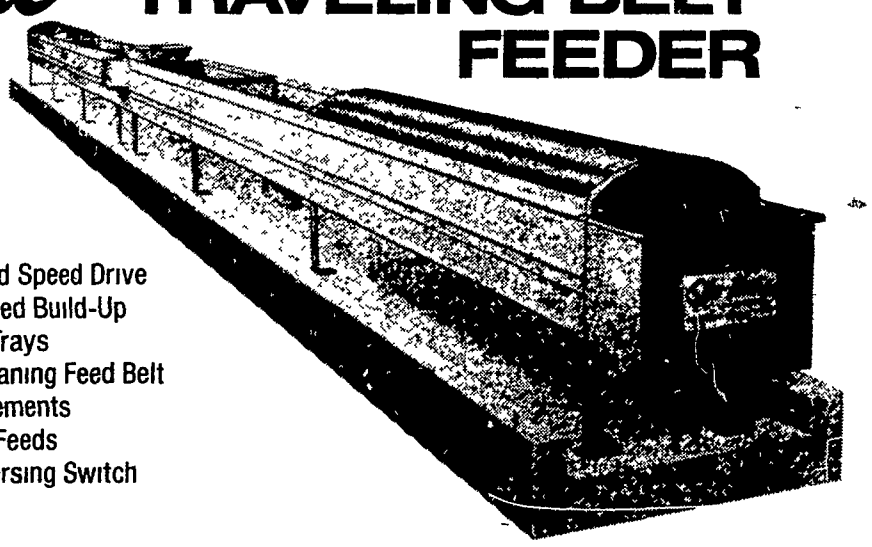
This exclusive unloader design has been in use on continuous-door silos for more than a year. It has been thoroughly tested and proved under farm-operating conditions with haylage, corn silage and high moisture corn. The Silo-Matic Continuous-Door Silo Unloader automatically moves down the silo from door to door The gooseneck stays in perfect alignment with the chute doors and hood remains in ideal position for maximum silage carrying efficiency

There are no springs, ropes, cables or pulleys to adjust since the downward movement of the unloader operates by gravity The electric cable is plugged into a power source at the top of the silo The electric cable automatically uncoils as the unloader moves down the silo.

Silo-Matic TRAVELING BELT FEEDER



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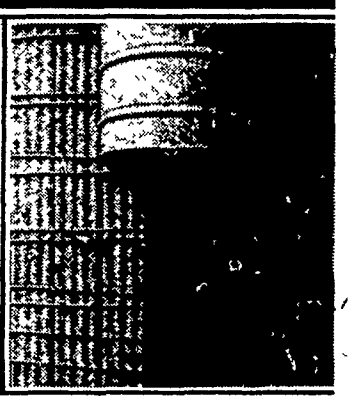
- No Separation of Mixed Feeds
- Optional Automatic Reversing Switch For Continuous Feeding

Clean Chute—This photograph shows the clean chute side of the Fickes silo. This system provides clean entry to the silo at all times. Doors are "refrigerator fit" Fickes Swingback hinged doors.



Unloading Chute—The continuous door column chute shown here with continuous door covers in closed position for loading silo.

CONTINUOUS DOORS—The Fickes Continuous Doors can be placed at almost any location desired in the circumference of the silo They require no special rods or spreaders. The small doors (8½" wide x 15" long) are wedged tightly against a ½" steel jamb. The silo is loaded with doors in place.

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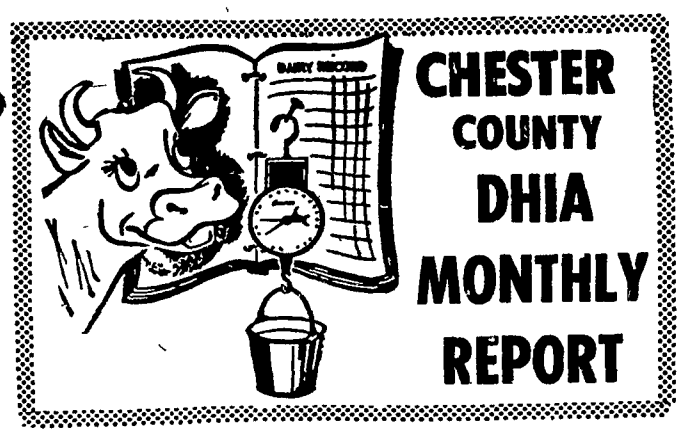


Jefferson Yoder's No. 66 topped the butterfat list for production records completed in November by producing 1011 pounds. She tested 4.2 per cent on 24,019 pounds of milk. The milk production champ for the month belonged to Ben S. Beiler. His "Ida" beat Yoder's cow by just a couple bucketsful - with a record of 24,106 pounds of milk-a 3.4 per cent test and 830 pounds of butterfat.

OWNER – BREED	NO COWS	COW DAYS IN MILK	LBS MILK	FAT	LBS FAT
Jacob K. Stoltzfus 3	60.7	84.4	51.2	4.3	2.18
Paul King B3	81.0	91.3	51.1	4.0	2.03
Robert E. Pepple 3	77.3	86.7	51.0	4.0	2.03
Ardrossan Farms 1 121	8	85 2	42.9	4.6	1.97
John S. Stoltzfus 3	59.1	82.8	47.5	4.1	1 83
Newton Evans, Jr. 3	85.2	87.8	51.9	3.6	1.88
James V. Yale B3	62.6	85.2	42.4	4.3	1.84
Harry Freese & Son B3	60.1	95.8	47.4	3.8	1.82
Harold Umble 3	45.5	86.3	46.6	3.9	1.81
J. Harold Bare B3	57.4	88.1	45.2	4.0	1.80
John M. Umble 3	44.9	79.5	43.4	4.1	1.79
Jefferson D. Yoder 3	63.0	81.9	45.4	3.9	1.78
Walmoore B3	137.1	91.2	43.9	4.1	1.78

(Continued on Page 158)

Most plants not native to U.S.

ST. PAUL, Minn. - A Randolph, Wis., native who's now a plant disease specialist with the U.S. Department of Agriculture says over 415,000 different kinds of plants have "immigrated" to the United States.

"The 'immigrants' are seeds and germplasm from foreign plants. And they're essential for reducing genetic vulnerability to diseases and other pests in the U.S. food crops," says Dr. Howard Waterworth, the Randolph native who's head of the U.S. Plant Introduction Station at Glen Dale, Md.

"Almost all commercial crops in the U.S. are native to other parts of the world," says Waterworth. Sunflowers, a few berries and native grasses and forest trees were about the only plants that settlers found when they arrived from Europe.

"The Indians brought in corn from Mexico, and settlers from Europe brought all kinds of plants with them. Thomas Jefferson and Benjamin Franklin encouraged settlers to bring plants with them.

"But these settlers also brought all kinds of plant pests, including diseases, insects, snails and bugs," says Waterworth. So in 1898 the U.S. Department of Agriculture started to screen all incoming plant material for pests and to number and permanently label all plant introductions.

Cabbage seed from Russia was the first registered plant material brought in under the new system. At the station, all forms of plant material - tubers, corns, seed, cuttings and bulbs must become "official citizens." They're inspected and tested for dangerous insect pests and diseases for one to five years. Only items free of all known potential risks to U.S. agricultural crops are released from quarantine.

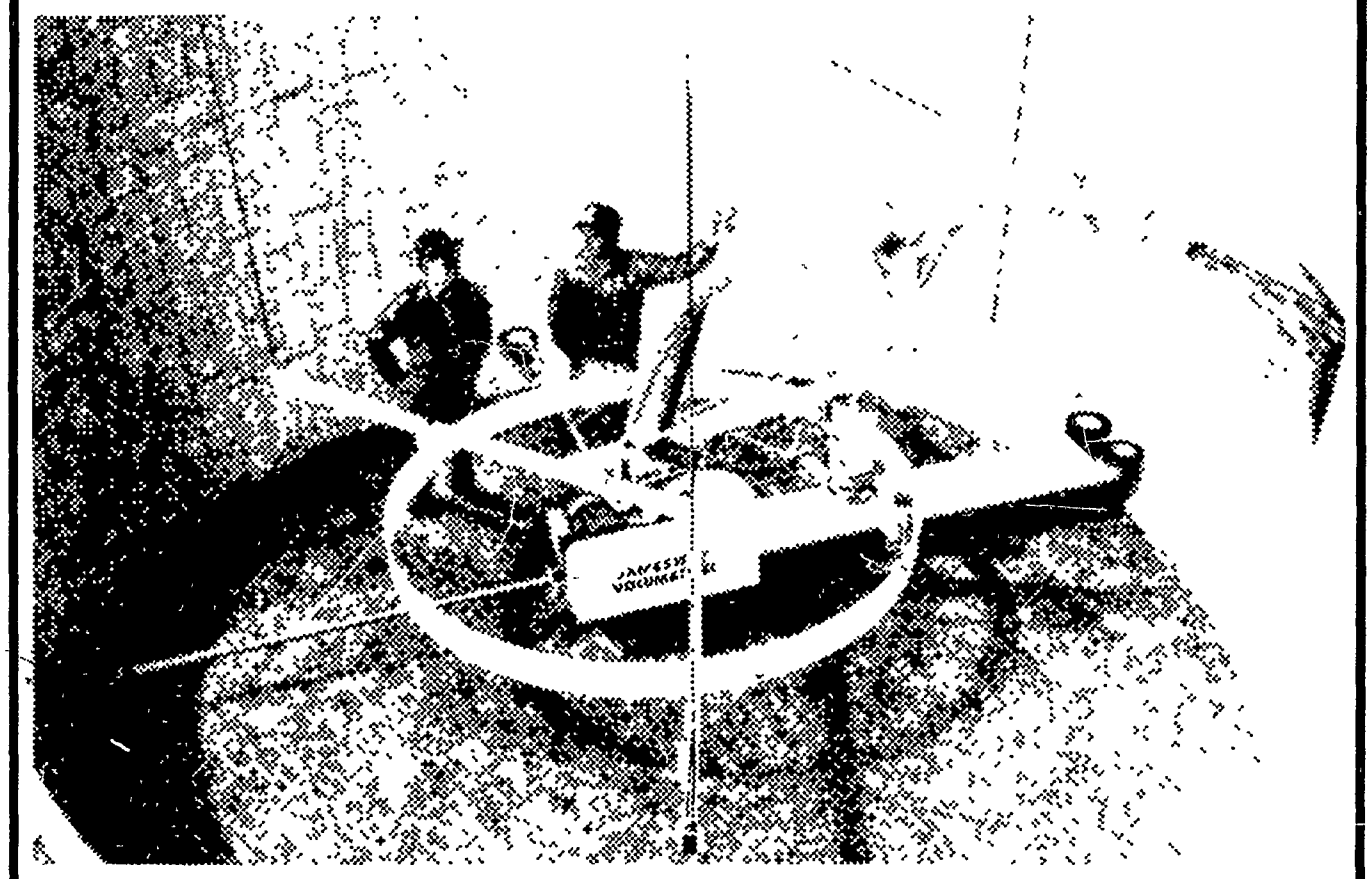
"Our job is to prevent introduction of devastating foreign agents such as the gypsy moth, Dutch elm fungus, Japanese beetle and chestnut blight fungus. Our greenhouses have a wide array of exotic and unusual plants from all over the world. Someday many of them will be the parents of our food crops and ornamental plants".

The Plant Introduction Station also screens new plants for possible use in medicine and industry. "We are screening new plants for possible use as anti-cancer agents. And the oil industry is interested in looking at some plants for possible oil uses," says Waterworth.

Why are new plants still being introduced when over 415,000 have been registered since 1898? Scientists say new introductions of plant material are necessary to develop disease resistance to U.S. plants. Most new plant material coming into the U.S. is brought in by scientists for experimental reasons.

Look neighbor...

THAT'S BIG VOLUME



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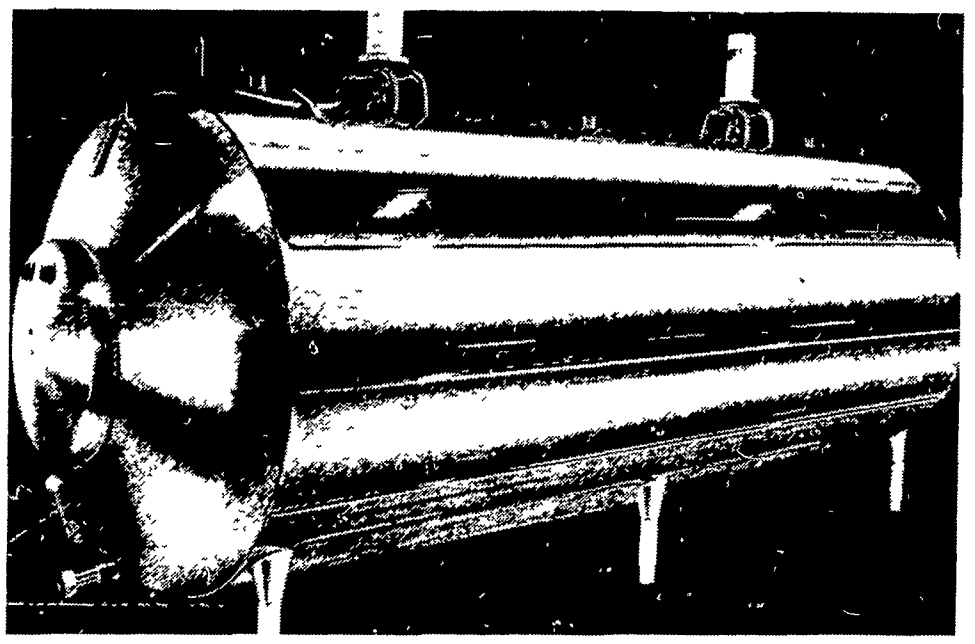
[Continued from Page 157]

Newton Evans, Jr.					
3	90.1	85.5	52.1	3.4	1.76
Hargret Dairy, Inc.					
B3	48.7	87.9	44.7	3.9	1.76A
David Weaver					
3	50.4	85.3	46.2	3.8	1.75
J. Harold Bare					
B3	57.7	87.5	46.2	3.8	1.75
Earl M. Weir					
3	33.0	83.2	48.4	3.6	1.74
William P. Moore					
B3	140.1	86.9	42.5	4.1	1.73
Richard Proud					
B3	50.3	85.4	41.3	4.2	1.72
Herman Stoltzfus					
B	52.4	90.8	44.1	3.9	1.72
Donald Hostetter, Jr.					
3	81.1	88.2	45.5	3.8	1.71
Christ L. Stoltzfus					
B3	49.2	83.7	41.9	4.0	1.68
George P. Lamborn					
3	36.7	78.5	41.9	4.0	1.68
Ronald F. Elliott					
B3	70.2	84.4	41.0	4.1	1.67
Ben S. Beiler					
B3	58.8	85.1	43.2	3.8	1.66
Vernon Guest					
B3	62.3	89.4	39.7	4.2	1.66A
Kimberton Farm School, Inc.					
2	61.4	88.7	34.0	4.9	1.65
Elam Petersheim					
3	75.5	85.8	42.7	3.9	1.65
Walmoore No. 3					
B3	133.1	85.7	42.4	3.9	1.65
Richard L. Breckbill					
B3	74.9	84.5	40.8	4.0	1.65A
Harold J. Ranck					
3	53.7	89.2	41.4	4.0	1.64
Merle J. King					
B3	75.9	89.3	44.3	3.7	1.63
Willowland Farm					
3	59.6	86.1	41.9	3.9	1.62
Merle J. King					
B3	79.2	79.6	45.3	3.6	1.62
Miller McDowell, Jr.					
B3	46.0	90.4	42.2	3.8	1.62
Milton & Joyce Edwards					
G8	64.7	89.2	39.4	4.1	1.61A
Timothy Kauffman					
3	50.5	92.5	42.6	3.8	1.60
Milton & Joyce Edwards					
G8	66.1	89.3	45.0	3.6	1.60A
Merle J. King					
B3	76.9	81.3	43.5	3.6	1.58
Hargret Dairy, Inc.					
B3	47.7	82.8	42.1	3.8	1.58A
Kulp Bros.					
G3	104.0	84.8	38.7	4.1	1.57
E. Kent High					
B3	109.4	80.9	38.9	4.0	1.57A
H. & R. Mason					
3	116.5	82.4	40.6	3.8	1.56
Samuel B. Acker					
B3	215.1	82.1	37.9	4.1	1.56
Eugenia C. Madeira					
2	46.0	90.9	32.7	4.7	1.55
Lenape Dairy Farm					
B3	349.3	84.5	41.3	3.8	1.55
Elmer A. Mast					
B8	69.8	78.1	37.1	4.2	1.54
Llanduey Farm					
G3	107.1	86.9	40.1	3.8	1.54
Marsh Acres Farm					
B3	105.1	83.1	38.7	4.0	1.53
Vernon Guest					
B3	61.3	84.8	38.0	4.0	1.53A
David Hurst					
G3	38.2	81.9	37.9	4.0	1.53A
Charles H. Gable					
1	51.9	84.4	35.2	4.3	1.52
Landis S. Reid					
B3	66.0	84.5	38.7	3 9	1.52A
John W. Yeager					
B3	21.1	79.9	36.8	4.1	1.51
Samuel B. Acker					
B3	216.6	85.7	38.9	3.9	1.51
Omer S. Smoker					
B3	75.4	83.6	39.5	3.8	1.51
George Steele & Sons					
B3	86.5	86.5	37.5	4.0	1.51
Martin M. Weaver					
B8	93.8	87.6	41.0	3.7	1.50A

OWNER — COW'S NAME	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	FAT LBS
Jefferson D. Yoder						
No. 66	3	4-8	305	24,019	4.2	1011
No. 56	3	4-2	305	22,262	3.7	815
Samuel B. Acker						
B30	3	8-2	305	21,675	4.3	928
No. 285	3	5-3	305	20,676	4.1	857
R 164	3	9-2	305	19,472	4.3	835
No. 350	3	4-3	305	18,323	4.4	813
No. 315	3	4-6	305	21,128	3.7	772
R 160	3	8-9	305	19,520	3.9	765
No. 311	3	4-4	305	15,560	4.7	736
No. 272	3	6-3	299	17.204	4.2	727
No. 302	3	5-1	305	18,368	3.9	720
No. 293	3	5-0	305	20,632	3.4	707
No. 379	3	3-6	305	16,189	4.4	707
Bryncoed Farms						
P 439	3	2-10	305	25,248	3.7	927
Howard Swavely III						
No. 3	3	4-1	291	19,328	4.8	922
Newton Evans, Jr.						
No. 17	3	6-3	305	23,712	3.9	920
No. 16	3	4-1	305	17,784	4.9	868
No. 89 A	3	7-6	264	18,688	4.5	838
No. 142	3	4-1	305	27,507	3.0	831
No. 59 A	3	6-3	305	25,901	3.2	829
No. 159	3	4-0	305	18,061	4.6	823
No. 151	3	4-4	305	20,958	3.8	803
No. 143	3	4-4	305	21,016	3.6	752
Jacob K. Stoltzfus						
Sunshine	3	6-10	305	22,777	4.0	911
Noel	3	9-1	305	19,567	4.5	889
L Naomi	3	5-5	305	22,297	3.8	843
Fairy	3	2-1	305	17,979	4.1	745

[Continued on Page 159]

Zero introduces the Super Cooler



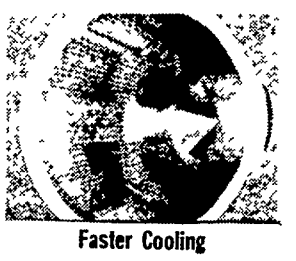
A remarkable new concept that speeds milk cooling, reduces installation and service cost, fits into any building and delivers better quality milk. All new refrigeration and electrical systems.

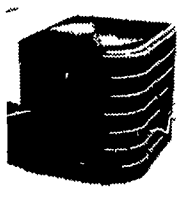
FEATURING . . .

★ Quicker cooling to lower temp. ★ Solid state controls
★ Lower installation cost ★ Lower service cost
★ More efficient cooling

Patented Zero Spatter-Spray

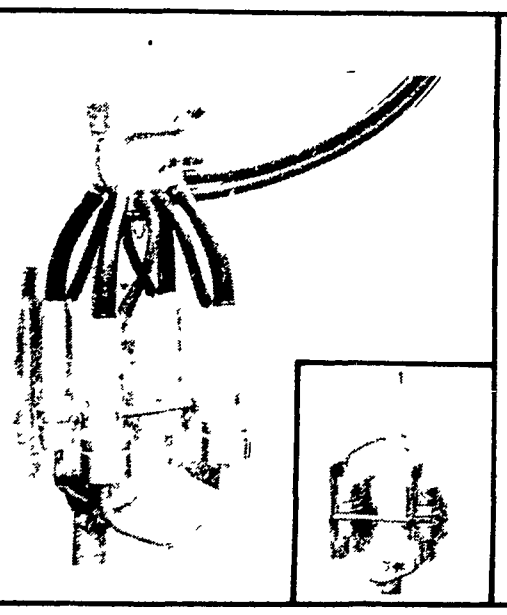
Better Placement Of Controls


Faster Cooling


Faster Cooling Outside

Ask us about the nineteen points of superiority in the super cooling system

Zero® Concord C.I.P. UNIT WASHER



SPECIAL FEATURES OF ZERO C.I.P. UNIT WASHER

Eliminates the drudgery of carrying units to milk room.

Automatically drains

Self closing

All stainless steel construction

New Zero Concord unit with specially designed stainless steel shells to make clean in place possible.

Ease of unit washing operation is simplified.

Fits any concord milking systems either vacuum or non-vacuum.

An easy and simple unit to install.

VISIT OUR DISPLAY AT THE PA FARM SHOW BOOTH NO.'S 411-413

COME IN, WRITE OR PHONE FOR FULL INFORMATION!

J. M. HORST SERVICE CO.

Box 231, Quentin, PA Phone (717) 274-1242

Zero Super Cooler

A Zero in the right place could change your profit picture.